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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,672,702
2,673,322
2,673,556
2,676,117
2,706,582
2,717,616
2,719,483
2,729,898

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,672,702
2,673,322
2,673,556
2,676,117
2,706,582
2,717,616
2,719,483
2,729,898

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**S269**
6. Preliminary examination fee (Rule 58)	**S800**

* International fees will be reduced by:

- **S269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **S404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 S**
6. Taxe d'examen préliminaire (Règle 58)	**800 S**

* Les frais seront réduits de:

- **269 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS *(DIES NON)*

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

2. Service *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 11, 2017 contains applications open to public inspection from March 26, 2017 to April 1, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 11 avril 2017 contient les demandes disponibles au public pour consultation pour la période du 26 mars 2017 au 1 avril 2017.

17. Notice of removal from the register of patent agents

The Commissioner of Patents has removed the following names of agents and/or firms from the register of patent agents pursuant to subsection 16(3) of the Patent Rules, effective **April 3, 2017**:

AUERBACK, HARVEY
BRETON, PIERRETTE
CHOITECHANDLAW PROFESSIONAL
INNOVATE LLP
IP DELTA PLUS INC.
MACERA, JOHN STEPHEN
MCKAY, MARGARET H.
MY TWO CENTS CONSULTING, INC.
ROWLEY, C.A.
THOMPSON WOODRUFF INTELLECTUAL PROPERTY LAW
TURLOCK, LANCE A.
ALEXANDER, SEAN
BARBIERI, SALVATORE FEDERICO
BERNIER, ALAIN
BONENFANT, MARTIN
CARRIER, VALERIE
CONN, DAVID L.
DEE, GREG M.
ETHIER, MARGUERITE F.
GILEFF, DAVID A.
JACKA, SHAWN D.
KHAING, STANLEY KYAW
KUROKAWA, GLEN
LEE, DAVID
LOUMES, LAURENCE
MCCOURT, CONOR DERMOT MICHAEL
MCNEIL, GRAHAM
MILLS, ALLISON M.
O'NEIL, KEVIN ALBERT
SABET, SOHRAB
SILVER, SIGNE
YAN, WAYNE HUI
BOONE, JEFFREY S.
BOROVEC, STEVEN
DAVITZ, MICHAEL A.
EISENBERG, MICHAEL D.
FAIRBAIRN, DAVID R.
FIGLIN, CHERYL R.
FREILICH, ARTHUR
HILDEBRANDT, THOMAS B.
IRANI, ROBERT
JUDD, ROBERT L.
LJUNGMAN, THOMAS N.
MCCONNELL, BRUCE R.
MORRISSEY, JOHN J.

17. Avis concernant le registre des agents de brevets : supprimer le nom de certains agents et/ou des entreprises

Le commissaire des brevets a supprimé, le **3 avril, 2017**, le nom des agents et/ou des entreprises suivants du registre des agents des brevets conformément au paragraphe 16(3) des Règles sur les brevets.

AUERBACK, HARVEY
BRETON, PIERRETTE
CHOITECHANDLAW PROFESSIONAL
INNOVATE LLP
IP DELTA PLUS INC.
MACERA, JOHN STEPHEN
MCKAY, MARGARET H.
MY TWO CENTS CONSULTING, INC.
ROWLEY, C.A.
THOMPSON WOODRUFF INTELLECTUAL PROPERTY LAW
TURLOCK, LANCE A.
ALEXANDER, SEAN
BARBIERI, SALVATORE FEDERICO
BERNIER, ALAIN
BONENFANT, MARTIN
CARRIER, VALERIE
CONN, DAVID L.
DEE, GREG M.
ETHIER, MARGUERITE F.
GILEFF, DAVID A.
JACKA, SHAWN D.
KHAING, STANLEY KYAW
KUROKAWA, GLEN
LEE, DAVID
LOUMES, LAURENCE
MCCOURT, CONOR DERMOT MICHAEL
MCNEIL, GRAHAM
MILLS, ALLISON M.
O'NEIL, KEVIN ALBERT
SABET, SOHRAB
SILVER, SIGNE
YAN, WAYNE HUI
BOONE, JEFFREY S.
BOROVEC, STEVEN
DAVITZ, MICHAEL A.
EISENBERG, MICHAEL D.
FAIRBAIRN, DAVID R.
FIGLIN, CHERYL R.
FREILICH, ARTHUR
HILDEBRANDT, THOMAS B.
IRANI, ROBERT
JUDD, ROBERT L.
LJUNGMAN, THOMAS N.
MCCONNELL, BRUCE R.
MORRISSEY, JOHN J.

NASH, WILLIAM B.
NATH, B. RAMA
NISSLE, TOD R.
PLETTNER, DAVID A.
SREETHARAN, RAJEEV S.
TATE, THOMAS B.

NASH, WILLIAM B.
NATH, B. RAMA
NISSLE, TOD R.
PLETTNER, DAVID A.
SREETHARAN, RAJEEV S.
TATE, THOMAS B.

Canadian Patents Issued

April 11, 2017

Brevets canadiens délivrés

11 avril 2017

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[11] **2,354,631**
[13] C
[51] **Int.Cl. H04L 12/413 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **MEDIA ACCESS CONTROL PROTOCOL WITH PRIORITY AND CONTENTION-FREE INTERVALS**
[54] **PROTOCOLE DE CONTROLE D'ACCES AU SUPPORT DOTE D'INTERVALLES DE PRIORITE ET SANS COLLISION**
[72] YONGE, LAWRENCE W., III, US
[72] MARKWALTER, BRIAN E., US
[72] KOSTOFF, STANLEY J., II, US
[72] PATELLA, JAMES PHILIP, US
[72] EARNSHAW, WILLIAM E., US
[73] QUALCOMM INCORPORATED, US
[86] (2354631)
[87] (2354631)
[22] 2001-08-02
[30] US (09/632,303) 2000-08-04

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[11] **2,416,042**
[13] E
[51] **Int.Cl. F04B 53/10 (2006.01) F04B 39/00 (2006.01) F04B 39/10 (2006.01) F04B 39/12 (2006.01)**
[25] EN
[54] **GAS COMPRESSOR AND METHOD WITH AN IMPROVED INLET AND DISCHARGE VALVE ARRANGEMENT**
[54] **COMPRESSEUR DE GAZ ET METHODE DE FONCTIONNEMENT AVEC CLAPETS D'ADMISSION ET DE REFOULEMENT AMELIORE**
[72] BENNITT, ROBERT, US
[72] GEORGE, DALE M., US
[72] WOOLLATT, DEREK, US
[72] MILLER, TIMOTHY M., US
[72] SEAVEY, CHARLES, US
[72] CHAYKOSKY, STEVE, US
[72] CRIMMER, JIM, US
[73] DRESSER-RAND COMPANY, US
[86] (2416042)
[87] (2416042)
[48] 2017-04-11
[22] 2003-01-10
[30] US (10/047,385) 2002-01-14

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[11] **2,522,560**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) C07H 21/00 (2006.01) C07H 21/04 (2006.01) C07K 14/775 (2006.01)**
[25] EN
[54] **ANTISENSE MODULATION OF APOLIPOPROTEIN C-III EXPRESSION**
[54] **MODULATION ANTISENS DE L'EXPRESSION DE L'APOLIPOPROTEINE C III**
[72] CROOKE, ROSANNE M., US
[72] GRAHAM, MARK J., US
[72] LEMONIDIS TARBET, KRISTINA M., US
[72] DOBIE, KENNETH W., US
[73] IONIS PHARMACEUTICALS, INC., US
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[72] ALTMANN, ANDRES CLAUDIO, IL
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[72] LEUNG, HUMIE, CA
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[72] MA, XIANDONG, GB
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[73] TYCO HEALTHCARE GROUP LP, US
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[54] **EXPRESSION DE POLYPEPTIDES DEPUIS LE GENOME NUCLEAIRE DE L'OSTREOCOCCUS SP**
[72] BOUGET, FRANCOIS-YVES, FR
[72] CORELLOU, FLORENCE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR
[73] UNIVERSITE PIERRE ET MARIE CURIE, FR
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[54] **A METHOD OF TREATMENT OF THE DENTAL PULP AND FILLING ROOT CANALS USING WATER-BASED MATERIALS**
[54] **PROCEDE POUR LE TRAITEMENT DE LA PULPE DENTAIRE ET DE REMPLISSAGE DE CANAUX RADICULAIRES A L'AIDE DE MATERIAUX A BASE D'EAU**
[72] PRIMUS, CAROLYN M., US
[72] GUTMANN, JAMES L., US
[72] BREUER, MIKLOS M., US
[72] JEFFERIES, STEVEN R., US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2009-08-10
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[54] **DECONTAMINATION, STRIPPING AND/OR DEGREASING FOAM CONTAINING SOLID PARTICLES**
[54] **MOUSSE DE DECONTAMINATION, DE DECAPAGE ET/OU DE DEGRAISSAGE A PARTICULES SOLIDES**
[72] GUIGNOT, SYLVAIN, FR
[72] FAURE, SYLVAIN, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[73] AREVA NC, FR
[85] 2009-08-12
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[25] EN
[54] **QUASI-AC, PHOTOVOLTAIC MODULE FOR UNFOLDER PHOTOVOLTAIC INVERTER**
[54] **MODULE PHOLTOVOLTAIQUE POUR ONDULEUR PHOTOVOLTAIQUE PRODUISANT DU COURANT QUASIMENT ALTERNATIF**
[72] DE ROOIJ, MICHAEL ANDREW, US
[72] GLASER, JOHN STANLEY, US
[72] MAYER, OLIVER GERHARD, DE
[72] EL-BARBARI, SAID FAROUK SAID, DE
[73] GENERAL ELECTRIC COMPANY, US
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[87] (2678330)
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[25] EN
[54] **FIXED BEARING JOINT ENDOPROSTHESIS WITH COMBINED CONGRUENT-INCONGRUENT PROSTHETIC ARTICULATIONS**
[54] **ENDOPROTHESE POUR ARTICULATION A PALIER FIXE AVEC ARTICULATIONS PROSTHETIQUES CONGRUENTES-INCONGRUENTES COMBINEES**
[72] PAPPAS, MICHAEL J., US
[73] BUECHEL-PAPPAS TRUST, US
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[87] (2679631)
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[25] EN
[54] **BENEFICIAL EFFECTS OF BACTERIOPHAGE TREATMENTS**
[54] **EFFETS BENEFIQUES DE TRAITEMENTS DANS LESQUELS SONT UTILISES DES BACTERIOPHAGES**
[72] HARPER, DAVID, GB
[73] BIOCONTROL LIMITED, GB
[85] 2009-09-04
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[25] EN
[54] **HYDROCARBON COMPOSITION USEFUL AS A FUEL AND FUEL OIL CONTAINING A PETROLEUM COMPONENT AND A COMPONENT OF A BIOLOGICAL ORIGIN**
[54] **COMPOSITION HYDROCARBONEE UTILE COMME CARBURANT ET FIOUL CONTENANT UN COMPOSANT DE PETROLE ET UN COMPOSANT D'ORIGINE BIOLOGIQUE**
[72] BALDIRAGHI, FRANCO, IT
[72] GUANZIROLI, SILVIA, IT
[72] FARACI, GIOVANNI, IT
[72] SABATINO, LUIGINA MARIA FLORA, IT
[72] MARKER, TERRY LOUISE, US
[72] PETRI, JOHN ANTHONY, US
[73] ENI S.P.A., IT
[73] UOP LLC, US
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[54] **CONNECTEUR DE CABLE**
[72] MALLOY, ALLEN L., US
[72] THOMAS, CHARLES, US
[72] DEAN, MIKE, US
[72] HAUVER, BRUCE, SR., US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
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[25] EN
[54] **A SYSTEM AND METHOD FOR CHANGING THE EFFICIENCY OF A COMBUSTION TURBINE**
[54] **SYSTEME ET METHODE PERMETTANT DE MODIFIER L'EFFICIENCE D'UNE TURBINE A COMBUSTION**
[72] FEHER, PETER, US
[72] MOTAKEF, ABBAS, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2682865)
[87] (2682865)
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[25] EN
[54] **ANTENNA INSULATION FOR AN IMPLANTABLE MEDICAL DEVICE**
[54] **ISOLATION D'ANTENNE POUR IMPLANT MEDICAL**
[72] CRIVELLI, ROCCO, CH
[72] PIPOZ, THIERRY, CH
[73] CODMAN NEURO SCIENCES SARL, CH
[86] (2682912)
[87] (2682912)
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[54] **NOUVEAUX ANTICORPS MONOCLONAUX ANTI-VAP-1 ENTIEREMENT HUMAINS**
[72] SMITH, DAVID, FI
[72] VAINIO, PETRI, FI
[72] MIKKOLA, JARI, FI
[72] VUORIO, PAIVI, FI
[72] VAINIO, JANI, FI
[73] BIOTIE THERAPIES CORPORATION, FI
[85] 2009-10-06
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[25] EN
[54] **A MOVEMENT DEVICE ON AN ENDLESS BELT OF ADAPTABLE PATH**
[54] **DISPOSITIF DE MOUVEMENT SUR COURROIE SANS FIN DE TRAJET ADAPTABLE**
[72] FEGE, FRANCOIS-LOIC, FR
[73] FEGE SARL, FR
[86] (2684842)
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[54] **SYSTEM AND METHOD FOR HARVESTING BUSINESS INTELLIGENCE FROM MARITIME COMMUNICATIONS**
[54] **SYSTEME ET PROCEDE DE RECUEIL D'ELEMENTS DE VEILLE STRATEGIQUE A PARTIR DE COMMUNICATIONS MARITIMES**
[72] ROSENBERG, DEAN, US
[72] CRAWFORD, KEVIN, US
[72] STOCK, KIEL, US
[73] AIRSIS, INC., US
[85] 2009-10-20
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[51] **Int.Cl. E21B 47/18 (2012.01) E21B 34/14 (2006.01)**
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[54] **A DOWNHOLE MODULATOR APPARATUS**
[54] **MODULATEUR DE FOND DE PUITS**
[72] BUSS, JOHN, NO
[72] DONKIN, CHARLES WILLIAM, GB
[72] HITCHCOCK, IAN, GB
[72] STUART BRUGES, WILLIAM PETER, GB
[72] MOWATT, ROY, GB
[72] RATCLIFFE, JAMES, GB
[72] WEBB, ANTHONY, GB
[73] SONDEX WIRELINE LIMITED, GB
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[25] EN
[54] **METHOD AND SYSTEM FOR COOLING ENGINE COMPONENTS**
[54] **METHODE ET SYSTEME DE REFROIDISSEMENT D'ELEMENTS DE TURBINE**
[72] PIECZKA, RAFAL PIOTR, PL
[72] HIGGINS, CRAIG WILLIAM, US
[72] KOBEK, PIOTR EDWARD, PL
[72] SIKORSKI, JAN FRANCISZEK, PL
[72] MICHAELS, EDWARD DONALD, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2686192)
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[25] EN
[54] **WATER DISTRIBUTION SYSTEM WITH DUAL USE WATER TREATMENT UNIT**
[54] **SYSTEME DE DISTRIBUTION AVEC UNITE DE TRAITEMENT DE L'EAU A DOUBLE USAGE**
[72] NOLAN, PETER DANIEL, CA
[73] INTERNATIONAL WATER-GUARD INDUSTRIES, INC., CA
[86] (2686836)
[87] (2686836)
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/22 (2006.01) F01D 5/30 (2006.01)**
[25] FR
[54] **ASSEMBLY FOR RECTIFIER STAGE OF A TURBOMACHINE, COMPRISING AN OUTER COLLAR AND AT LEAST ONE STATIONARY VANE**
[54] **ENSEMBLE POUR ETAGE REDRESSEUR D'UNE TURBOMACHINE, COMPRENANT UNE VIROLE EXTERIEURE ET AU MOINS UNE AUBE FIXE**
[72] TURI, GABRIEL, BE
[72] BIEMAR, GUY, BE
[73] TECHSPACE AERO, BE
[86] (2688882)
[87] (2688882)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PREDICTIVE BUILDING ENERGY MONITORING**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE PREDICTIVE DE LA CONSOMMATION D'ENERGIE D'UN IMMEUBLE**
[72] BROWN, MATTHEW, CH
[72] BARRINGTON-LEIGH, CHRISTOPHER, CA
[72] PORTER, CHRISTOPHER, CA
[72] GENTLEMAN, NEIL, CA
[73] PULSE ENERGY INC., CA
[86] (2689035)
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[25] EN
[54] **HYDRAULIC SYSTEM FOR SYNCHRONIZING A PLURALITY OF PISTONS AND AN ASSOCIATED METHOD**
[54] **SYSTEME HYDRAULIQUE DE SYNCHRONISATION DE PISTONS MULTIPLES, ET METHODE ASSOCIEE**
[72] WEBSTER, RYAN, US
[72] LUCAS, GREG, US
[73] HALLITE SEALS AMERICAS, INC., US
[86] (2690595)
[87] (2690595)
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[25] EN
[54] **TREATMENT OF TUMORS USING SPECIFIC ANTI-L1 ANTIBODY**
[54] **TRAITEMENT DE TUMEURS A L'AIDE D'UN ANTICORPS ANTI-L1 SPECIFIQUE**
[72] GAST, DANIELA, DE
[72] ALTEVOGT, PETER, DE
[72] MOLDENHAUER, GERHARD, DE
[72] BREITLING, FRANK, DE
[72] KRUEGER, ACHIM, DE
[72] WOLTERINK, SILKE, DE
[72] LUETTGAU, SANDRA, DE
[72] MOEBIUS, ULRICH, DE
[72] LI, YI, GB
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OEFFENTLICHEN RECHTS, DE
[73] MEDIGENE AG, DE
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[51] **Int.Cl. B29C 49/78 (2006.01) B29C 49/66 (2006.01)**
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[54] **METHOD FOR RECYCLING ENERGY IN A BLOW MOULDING MACHINE FOR BLOW MOULDING CONTAINERS**
[54] **PROCEDE POUR RECYCLER L'ENERGIE DANS UNE MACHINE DE MOULAGE PAR SOUFFLAGE POUR LE MOULAGE PAR SOUFFLAGE DE CONTENEURS**
[72] ZOPPAS, MATTEO, IT
[72] PITTARI, GIAMPIETRO, IT
[72] ALTOE', MIRKO, IT
[72] POLENTES, MORIS, IT
[73] S.I.P.A. SOCIETA INDUSTRIALIZZAZIONE PROGETTAZIONE AUTOMAZIONE S.P.A., IT
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[30] IT (RM2007A000370) 2007-07-03

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[51] **Int.Cl. G06F 15/16 (2006.01) G06F 9/44 (2006.01)**
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[54] **SOFTWARE DEPLOYMENT IN LARGE-SCALE NETWORKED SYSTEMS**
[54] **DEPLOIEMENT D'UN LOGICIEL DANS DES SYSTEMES RESEAUTES A GRANDE ECHELLE**
[72] LENZMEIER, CHARLES THOMAS, US
[72] KHALIDI, YOUSEF A., US
[72] INGLE, ANIL, US
[72] SYED, SAAD, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2010-02-02
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[25] EN
[54] **DEVICE AND PROCEDURE FOR THE DIAGNOSIS OR DIAGNOSTIC PREPARATION AND/OR THERAPY MONITORING OF INFLAMMATORY DISEASES SUCH AS RHEUMATOID ARTHRITIS**
[54] **DISPOSITIF ET PROCEDURE DE DIAGNOSTIC OU DE PREPARATION AU DIAGNOSTIC ET/OU DE SURVEILLANCE DE THERAPIE DE MALADIES INFLAMMATOIRES TELLES QUE LA POLYARTHRITE RHUMATOIDE**
[72] BAHNER, MALTE, DE
[73] MIVENION GMBH, DE
[85] 2010-02-12
[86] 2008-08-14 (PCT/EP2008/060726)
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[25] EN
[54] **MOBILE STATION, BASE STATION, UPLINK TRANSMISSION METHOD, AND DOWNLINK TRANSMISSION METHOD**
[54] **DISPOSITIF DE STATION MOBILE, DISPOSITIF DE STATION DE BASE, PROCEDE DE TRANSMISSION EN LIAISON MONTANTE ET EN LIAISON DESCENDANTE**
[72] KAWAMURA, TERUO, JP
[72] KISHIYAMA, YOSHIHISA, JP
[72] HIGUCHI, KENICHI, JP
[72] SAWAHASHI, MAMORU, JP
[73] NTT DOCOMO, INC., JP
[85] 2010-03-08
[86] 2008-09-26 (PCT/JP2008/067522)
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[54] **PROSTATE CANCER ABLATION**
[54] **ABLATION DU CANCER DE LA PROSTATE**
[72] AZURE, LARRY, US
[73] LAZURE TECHNOLOGIES, LLC, US
[85] 2010-03-09
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[25] EN
[54] **MODULAR WELDING EQUIPMENT WITH LIGHT CURTAINS**
[54] **EQUIPEMENT DE SOUDAGE MODULAIRE A RIDEAUX DE LUMIERE**
[72] DOMSCHOT, BRYAN W., US
[73] TEC-OPTION, INC., US
[86] (2700032)
[87] (2700032)
[22] 2010-04-15
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[25] EN
[54] **ACCESS MANAGEMENT FOR WIRELESS COMMUNICATION**
[54] **GESTION D'ACCES POUR COMMUNICATION SANS FIL**
[72] GUPTA, RAJARSHI, US
[72] PALANIGOUNDER, ANAND, US
[72] ULUPINAR, FATIH, US
[72] HORN, GAVIN B., US
[72] AGASHE, PARAG A., US
[72] CHEN, JEN MEI, US
[72] DESHPANDE, MANOJ M., US
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] NANDA, SANJIV, US
[72] SONG, OSOK, US
[73] QUALCOMM INCORPORATED, US
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[30] US (60/978,363) 2007-10-08
[30] US (61/025,686) 2008-02-01
[30] US (61/061,537) 2008-06-13
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[25] EN
[54] **HIGH RELIABILITY SURVEILLANCE AND/OR IDENTIFICATION TAG/DEVICES AND METHODS OF MAKING AND USING THE SAME**
[54] **ETIQUETTE/DISPOSITIFS DE SURVEILLANCE ET/OU D'IDENTIFICATION DE HAUTE FIABILITE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] SUBRAMANIAN, VIVEK, US
[72] SMITH, PATRICK, US
[72] PAVATE, VIKRAM, US
[72] KAMATH, ARVIND, US
[72] CHOI, CRISWELL, US
[72] CHANDRA, ADITI, US
[72] CLEEVES, JAMES MONTAGUE, US
[73] THIN FILM ELECTRONICS ASA, NO
[85] 2010-04-09
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[87] (WO2009/058543)
[30] US (60/998,553) 2007-10-10
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF DIABETIC RETINOPATHY**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE LA RETINOPATHIE DIABETIQUE**
[72] BURNIER, JOHN, US
[72] GADEK, THOMAS, US
[72] SEMBA, CHARLES, US
[73] SARCODE BIOSCIENCE INC., US
[85] 2010-04-16
[86] 2008-10-17 (PCT/US2008/011878)
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[30] US (60/999,571) 2007-10-19

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[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) F01K 23/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR TREATING TRANSIENT PROCESS GAS**
[54] **SYSTEME ET PROCEDES POUR TRAITER UN GAZ DE TRAITEMENT TRANSITOIRE**
[72] THACKER, PRADEEP, US
[72] NAPHAD, SACHIN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME DE MESURE EN TEMPS REEL DE SUBSTANCES CORPORELLES**
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[54] **PROCEDE POUR METTRE A JOUR DYNAMIQUEMENT DES REGLES DE POLITIQUE DE SECURITE DE RESEAU LORSQUE DE NOUVELLES RESSOURCES DE RESEAU SONT APPROVISIONNEES DANS UN ENVIRONNEMENT DE SERVICES**
[72] GOTTIMUKKALA, SIVARAM, US
[72] HUYNH, LAP THIET, US
[72] JOSEPH, DINAKARAN, US
[72] OVERBY, JR, LINWOOD HUGH, US
[72] DEVINE, WESLEY MCMILLAN, US
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[72] BREITER, GERD, DE
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[54] **ATTENUATION DE BRUIT D'INTERFERENCE SISMIQUE A L'AIDE D'UN SYSTEME D'ENREGISTREMENT A DOUBLE DETECTEUR**
[72] CAMBOIS, GUILLAUME, SG
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[54] **HEAT SEALABLE MONOAXIALLY-ORIENTED PROPYLENE-BASED FILM WITH DIRECTIONAL TEAR**
[54] **FILM THERMOSCELLABLE A BASE DE PROPYLENE ORIENTE MONOAXIALEMENT, AVEC DECHIRURE DIRECTIONNELLE**
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[72] KOEHN, HAROLD EGON, US
[72] COLETTA, EMILIO, US
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[54] **ENSEMBLE AIGUILLE DE STYLO SECURISE**
[72] RUAN, TIEMING, US
[72] BANIK, ROBERT, US
[72] ZAIKEN, ELIOT, US
[72] QUINN, MICHAEL VINCENT, US
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[54] **PRODUCTION DE NANOPARTICULES EXEMPTES DE SOUFRE PAR UNE LEVURE**
[72] OUERDANE, LAURENT, FR
[72] MESTER, ZOLTAN, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **PROCEDE POUR GENERER UNE COMBUSTION AU MOYEN D'UN ENSEMBLE BRULEUR AND ENSEMBLE BRULEUR A CET EFFET**
[72] DOCQUIER, NICOLAS, US
[72] KALCEVIC, ROBERT, FR
[72] MORTBERG, MAGNUS, DE
[72] TSIAVA, REMI, FR
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[73] CROWN PACKAGING TECHNOLOGY, INC., US
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[54] **COMPOSITIONS DE CARBURANTS POUR REACTEURS**
[72] RYDER, JASON A., US
[73] AMYRIS, INC., US
[85] 2011-03-10
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[54] **TABLETTING EXCIPIENT BASED ON LACTOSE AND CELLULOSE**
[54] **AUXILIAIRE DE PASTILLAGE A BASE DE LACTOSE ET DE CELLULOSE**
[72] SCHWARZ, EUGEN, DE
[72] WARNKE, GERNOT, DE
[72] FICHTNER, VERA, DE
[73] MOLKEREI MEGGLE WASSERBURG GMBH & CO. KG, DE
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[54] **FUSION DEVICE AND TOOL SET FOR FUSING A HUMAN OR ANIMAL JOINT**
[54] **DISPOSITIF DE FUSION ET JEU D'OUTILS PERMETTANT DE FUSIONNER UNE ARTICULATION HUMAINE OU ANIMALE**
[72] MAYER, JOERG, CH
[72] LEHMANN, MARIO, CH
[72] MEHL, STEPHANIE, CH
[72] MOCK, ELMAR, CH
[72] MUELLER, ANDREA, CH
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[54] **DISPOSITIF DE TRAITEMENT A ENERGIE ELECTROMAGNETIQUE AVEC PLATEFORME A FONCTIONS MULTIPLES**
[72] BOUTOUSSOV, DMITRI, US
[72] ATLAS, MIKHAIL, US
[73] BIOLASE, INC., US
[85] 2011-04-14
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[25] EN
[54] **FILTRATION MEDIA FOR FILTRATION/PURIFICATION OF A LIQUID OR GAS, RELATED REACTOR MODULES, FILTRATION DEVICES AND METHODS**
[54] **MILIEU FILTRANT POUR LA FILTRATION/PURIFICATION DE LIQUIDE OU DE GAZ, MODULES DE REACTEUR ASSOCIES, DISPOSITIFS ET PROCEDES DE FILTRATION**
[72] LE ROUX, LOUIS, US
[73] BIOAIR SOLUTIONS, LLC, US
[85] 2011-04-15
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[54] **SECHOIR POUR LE TRAITEMENT DES DECHETS DE JARDIN**
[72] TROJOSKY, MATHIAS, DE
[72] WEISS, HERMANN, DE
[73] ALLGAIER WERKE GMBH, DE
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[54] **ANTAGONISTES DU RECEPTEUR P2X3 POUR LE TRAITEMENT DE LA DOULEUR**
[72] BURGEY, CHRISTOPHER S., US
[72] DENG, ZHENGWU J., US
[72] NGUYEN, DIEM N., US
[72] PAONE, DANIEL V., US
[72] SHAW, ANTHONY W., US
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[54] **DISPOSITIF ET PROCEDE DE FILTRAGE DU SANG**
[72] LASTER, MORRIS, IL
[73] XEREM MEDICAL LTD., IL
[85] 2011-04-28
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[54] **PRODUITS EN ALLIAGE ALUMINIUM-CUIVRE-LITHIUM**
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[72] POUGET, GAELLE, FR
[73] CONSTELLIUM ISSOIRE, FR
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[54] **METHOD FOR OPERATING A WASTE HEAT STEAM GENERATOR**
[54] **PROCEDE DE FONCTIONNEMENT D'UN GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR**
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[72] BRUECKNER, JAN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PROCEDE ET SYSTEME POUR FIXER UN ELEMENT DANS UN TROU DE FORAGE**
[72] SCHILTE, PAUL DIRK, NL
[72] ZIJSLING, DJURRE HANS, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **REDUCED-PRESSURE, COMPOSITE MANIFOLDS**
[54] **COLLECTEURS COMPOSITES A PRESSION REDUITE**
[72] GRIFFEY, EDWARD S., US
[72] RANDOLPH, LARRY TAB, US
[72] SEEGERT, CHARLES ALAN, US
[73] KCI LICENSING, INC., US
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[54] **SLEEVES, MANIFOLDS, SYSTEMS, AND METHODS FOR APPLYING REDUCED PRESSURE TO A SUBCUTANEOUS TISSUE SITE**
[54] **MANCHONS, COLLECTEURS, SYSTEMES ET PROCEDES D'APPLICATION D'UNE PRESSION REDUITE A UN SITE DE TISSU SOUS-CUTANE**
[72] COLLINS, BARBARA A., US
[73] KCI LICENSING, INC., US
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[54] **INSERTION DEVICE AND METHOD FOR DELIVERY OF A MESH CARRIER**
[54] **DISPOSITIF D'INSERTION ET PROCEDE DE DELIVRANCE D'UN SUPPORT A MAILLES**
[72] CHU, MICHAEL S. H., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **SELF-WATERING PLANT CONTAINER AND RELATED METHODS**
[54] **RECIPIENT POUR PLANTE A AUTO-ARROSAGE ET PROCEDES ASSOCIES**
[72] PORTER, RANDY L., US
[73] PORTER, RANDY L., US
[85] 2011-06-06
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[54] **APPAREIL CONCU POUR UN ROTOR HAUTE VITESSE NON CHEMISE**
[72] ZYWOT, JAN, US
[72] JIA, XIAOCHUAN, US
[72] AUSTIN, NORMAN K., US
[73] GE AVIATION SYSTEMS LLC, US
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[54] **ENSEMBLE DE VENTILATEUR**
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[72] BROUGH, IAN JOHN, GB
[73] DYSON TECHNOLOGY LIMITED, GB
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[54] **SYSTEM AND METHOD FOR DUAL-BEAM RECORDING AND READOUT OF MULTILAYERED OPTICAL DATA STORAGE MEDIA**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT ET DE LECTURE A DOUBLE FAISCEAU DE SUPPORT DE STOCKAGE DE DONNEES OPTIQUE MULTICOUCHE**
[72] OSTROVERKHOV, VICTOR PETROVICH, US
[72] WELLES, KENNETH BRAKELEY, US
[72] LAWRENCE, BRIAN LEE, US
[72] SHI, XIAOLEI, US
[72] REN, ZHIYUAN, US
[72] CHEVERTON, MARK, US
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[54] **ELECTRONIC MANAGEMENT SYSTEM FOR PHOTOVOLTAIC CELLS**
[54] **SYSTEME DE GESTION ELECTRONIQUE DE CELLULES PHOTOVOLTAIQUES**
[72] VERMEERSCH, MARC, FR
[72] ESTIBALS, BRUNO, FR
[72] ALONSO, CORINNE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **DIAGNOSTIC PREDICTION OF RHEUMATOID ARTHRITIS AND SYSTEMIC LUPUS ERYTHEMATOSUS**
[54] **PREDICTION DIAGNOSTIQUE DE LA POLYARTHRITE RHUMATOIDE ET DU LUPUS ERYTHEMATEUX DISSEMINE**
[72] KONTHUR, ZOLTAN, DE
[72] LEHRACH, HANS, DE
[72] SKRINER, KARL, DE
[73] CHARITE - UNIVERSITAETSMEDIZIN BERLIN, DE
[73] MAX-PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V., DE
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[25] EN
[54] **SCREW CLOSURE HAVING A SECURITY RING AND METHOD FOR PROVIDING A CONTAINER HAVING A SCREW CLOSURE**
[54] **CAPUCHON FILETE MUNI D'UNE BAGUE DE SECURITE ET D'UN SCEAU DE SECURITE, AINSI QUE PROCEDE DE PREPARATION D'UN RECIPIENT PRESENTANT CE CAPUCHON FILETE**
[72] SCHUELLER, FRANZ-PETER, DE
[72] SCHORMAIR, WULF, SG
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2011-07-14
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[25] FR
[54] **METHOD FOR ARC WELDING WITH A DUAL GAS FLOW, WITH A CENTRAL FLOW CONTAINING ARGON AND HYDROGEN, AND A WITH A SHEATH FLOW INCLUDING ARGON AND EITHER CARBON DIOXIDE OR OXYGEN**
[54] **PROCEDE DE SOUDAGE A L'ARC SOUS DOUBLE FLUX GAZEUX, AVEC FLUX CENTRAL CONTENANT DE L'ARGON ET DE L'HYDROGENE ET LE FLUX DE GAINAGE COMPRENANT DE L'ARGON ET SOIT DU DIOXYDE DE CARBONE, SOIT DE L'OXYGENE**
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[72] PLANCKAERT, JEAN-PIERRE, FR
[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[72] OLANG, FATEMEH, US
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[54] **COMBINAISON DE PROTECTION D'UNE PERSONNE ET ENSEMBLE CORRESPONDANT**
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[73] MATERIELS INDUSTRIELS DE SECURITE, FR
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[54] **SYNTHESE DE LA (4AS, 7AS)-OCTAHYDRO-1H-PYRROLO[3,4-B]PYRIDINE**
[72] MOTTERLE, RICCARDO, IT
[72] ARVOTTI, GIANCARLO, IT
[72] BERGANTINO, ELISABETTA, IT
[72] CASTELLIN, ANDREA, IT
[72] FOGAL, STEFANO, IT
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[54] **SUPPRESSEURS DE POUSSIERE**
[72] FAN, WAYNE W., US
[72] ZHU, DONG-WEI, US
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[72] JACOBS, JEFFRY L., US
[72] MORRIS, MARY LOU, US
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[54] **PROCEDES DE GENERATION SIMULTANEE DE LIGANDS FONCTIONNELS**
[72] JACKSON, GEORGE, US
[73] BASE PAIR BIOTECHNOLOGIES, INC., US
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[54] **SYSTEME DE FERMETURE DE RECIPIENT COMPRENANT UN SUREMBALLAGE AMOVIBLE**
[72] VINSEIRO, JUAN CARLOS, US
[72] MAROTTI, MARTIN JAY, US
[72] BELL, RAYMOND CHARLES, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHODES DE PREVENTION ET DE TRAITEMENT DES MALADIES EPITHELIALES CONSECUTIVES A L'IRRADIATION**
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[72] ZABORINA, OLGA, US
[73] THE UNIVERSITY OF CHICAGO, US
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[54] **CELLULES BACTERIENNES MODIFIEES POUR PRODUCTION DE SCUCCINATE**
[72] ZHANG, XUELI, US
[72] JANTAMA, KAEMWICH, TH
[72] MOORE, JONATHAN C., US
[72] JARBOE, LAURA R., US
[72] SHANMUGAM, KEELNATHAM T., US
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[54] **PROCEDE DE CONTRACEPTION SUR DEMANDE UTILISANT LE LEVONORGESTREL OU LE NORGESTREL**
[72] GRAY RAYMOND, ELIZABETH, US
[72] ULMANN, ANDRE, FR
[72] GAINER, ERIN, FR
[73] FAMILY HEALTH INTERNATIONAL, US
[73] LABORATOIRE HRA-PHARMA, FR
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[54] **PRINTABLE BUILDING BOARD AND METHOD FOR PRODUCING A BUILDING BOARD**
[54] **PANNEAU DE CONSTRUCTION IMPRIMABLE ET PROCEDE DE FABRICATION D'UN PANNEAU DE CONSTRUCTION**
[72] BAUER, JOERG R., DE
[73] INTERGLARION LIMITED, CY
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[54] **METHOD FOR INSTALLING AND SERVICING AN APPARATUS RECOVERING THE KINETIC ENERGY OF WATER, AND AN APPARATUS RECOVERING THE KINETIC ENERGY OF WATER**
[54] **PROCEDE D'INSTALLATION ET DE MAINTENANCE D'UN DISPOSITIF RECUPERANT L'ENERGIE CINETIQUE DE L'EAU, ET DISPOSITIF RECUPERANT L'ENERGIE CINETIQUE DE L'EAU**
[72] KOIVUSAARI, RAUNO, FI
[72] TUOKKOLA, YRJO, FI
[72] JARVINEN, ARVO, FI
[72] LILJELUND, JOHN, FI
[72] VUORINEN, MATTI, FI
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[72] LEA-WILSON, MARK A., CA
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[73] PLAINSMAN MANUFACTURING INC., CA
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[54] **SYSTEMES ET PROCEDES DE MESURE BIOMETRIQUE**
[72] DEPPERMANN, KEVIN, US
[72] MACISAAC, SUSAN, US
[72] XIANG, HAITAO, US
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[54] **DERIVES DE CYCLOPENTA[C]PYRROLYLALKYLCARBAMATES D'HETEROCYCLES A 5 CHAINONS, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] ABOUABDELLAH, AHMED, FR
[72] FAYOL, AUDE, FR
[72] LOCHEAD, ALISTAIR, FR
[72] SAADY, MOURAD, FR
[72] VACHE, JULIEN, FR
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[54] **CASSETTE D'ADN, VECTEUR BINAIRE, ET SOUCHE D'A. TUMEFACIENS ET PROCEDE DE PRODUCTION D'UNE PLANTE CEREALIERE A PRODUCTIVITE ACCRUE ET/OU A MASSE DE RACINES PLUS ELEVEE**
[72] NADOLSKA-ORCZYK, ANNA, PL
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[54] **FAUCHEUSE-CONDITIONNEUSE DE VEGETAUX COMPORTANT UN DISPOSITIF DE REPARTITION HOMOGENE DES VEGETAUX RENVOYES AU SOL**
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[72] WATTRON, BERNARD, FR
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[54] **POLYAMIDE-POLYDIENE BLENDS WITH IMPROVED OXYGEN REACTIVITY**
[54] **MELANGES POLYAMIDE-POLYDIENE A REACTIVITE A L'OXYGENE AMELIOREE**
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[72] BLACK, JEFFREY D., US
[73] M&G USA CORPORATION, US
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[54] **PROCESS FOR THE PREPARATION OF 1-BENZYL-3-HYDR0XYMETHYL-1H-INDAZ0LE AND ITS DERIVATIVES AND REQUIRED MAGNESIUM INTERMEDIATES**
[54] **PROCEDE POUR LA PREPARATION DE 1-BENZYL-3-HYDROXYMETHYL-1H-INDAZOLE ET DE SES DERIVES ET INTERMEDIAIRES AU MAGNESIUM CORRESPONDANTS**
[72] CARACCIOLO TORCHIAROLO, GIULIANO, IT
[72] IACOANGELI, TOMMASO, IT
[72] FURLOTTI, GUIDO, IT
[73] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F.S.P.A., IT
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[54] **LIQUID DISPENSING APPARATUS USING A PASSIVE LIQUID METERING METHOD**
[54] **APPAREIL DE DISTRIBUTION DE LIQUIDE UTILISANT UN PROCEDE PASSIF DE DOSAGE DE LIQUIDE**
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[72] FRANK, JEREMY, US
[73] DAVICON CORPORATION, US
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[54] **DERIVES DE BENZAMIDE**
[72] WANG, TONG, US
[72] GATELY, STEPHEN, US
[73] THE TRANSLATIONAL GENOMICS RESEARCH INTSTITUTE, US
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[54] **NON SURFACTANT HYDRO-ALCOHOLIC FOAMABLE COMPOSITIONS, BREAKABLE FOAMS AND THEIR USES**
[54] **COMPOSITIONS HYDRO-ALCOOLIQUES MOUSSANTES NON TENSIOACTIVES, MOUSSES LEGERES, ET LEURS UTILISATIONS**
[72] TAMARKIN, DOV, IL
[72] ZIV, ENBAL, IL
[72] HAZOT, YOHAN, IL
[72] SCHUZ, DAVID, IL
[73] FOAMIX PHARMACEUTICALS LTD., IL
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[54] **ANTHRANILIC DIAMIDE COMPOSITIONS FOR PROPAGULE COATING**
[54] **COMPOSITIONS DE DIAMIDE ANTHRANILIQUE DESTINEES A REVETIR DES PROPAGULES**
[72] TAM, WILSON, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **TREE-STYLE POTTED PLANT HOLDER AND HUBS, SUPPORTS, ADAPTERS AND WATERING SYSTEM FOR SAME**
[54] **SUPPORT EN FORME D'ARBRE POUR PLANTES EN POT ET MOYEUX, SUPPORTS, ADAPTATEURS ET SYSTEME D'ARROSAGE CONNEXES**
[72] GANSKE, KEITH, CA
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[54] **HIGH EFFICIENCY COGENERATION SYSTEM AND RELATED METHOD OF USE**
[54] **SYSTEME DE COGENERATION A HAUT RENDEMENT ET METHODE D'UTILISATION ASSOCIEE**
[72] KAISER, STEWART, US
[73] EVERLITE HYBRID INDUSTRIES, LLC, US
[85] 2012-03-21
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[54] **SYSTEM FOR CONTROLLING THE ANGULAR POSITION OF STATOR BLADES AND METHOD FOR OPTIMISING SAID ANGULAR POSITION**
[54] **SYSTEME DE COMMANDE DE LA POSITION ANGULAIRE D'AUBES DE STATOR ET PROCEDE D'OPTIMISATION DE LADITE POSITION ANGULAIRE**
[72] BOYER, DAVID JULIEN, FR
[72] DJELASSI, CEDRIK, FR
[72] RICORDEAU, JULIEN ALEXIS LOUIS, FR
[73] SNECMA, FR
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[54] **PLANT FOR CLEANING BINS USED FOR VEGETABLE PRODUCE**
[54] **INSTALLATION POUR LAVER DES CAGEOTS UTILISES POUR DES PRODUITS DE LEGUMES**
[72] BENEDETTI, LUCA, IT
[73] UNITEC S.P.A., IT
[85] 2012-04-11
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[54] **PACKAGE FOR COLORED PRODUCTS**
[54] **EMBALLAGE POUR PRODUITS COLORES**
[72] HAILE, DANNY LEE, US
[73] NAIL ALLIANCE LLC, US
[85] 2012-05-25
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[25] EN
[54] **METHOD AND SYSTEM FOR ENHANCING THE SPATIAL RESOLUTION OF A FIBER OPTICAL DISTRIBUTED ACOUSTIC SENSING ASSEMBLY**
[54] **PROCEDE ET SYSTEME PERMETTANT D'AMELIORER LA RESOLUTION SPATIALE D'UN ENSEMBLE DE DETECTION ACOUSTIQUE REPARTIE PAR FIBRE OPTIQUE**
[72] DEN BOER, JOHANNIS JOSEPHUS, NL
[72] FRANZEN, ANDRE, NL
[72] GROEN, ALEX, NL
[72] JOINSON, DANIEL, NL
[72] VAN ROOYEN, ARTHUR ALEXANDER, NL
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **DISPOSITIF ET PROCEDE DE MAINTIEN DE BRETELLE**
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[73] MYSTERY RANCH, US
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[54] **DEVICE OF ASSISTANCE FOR A USER OF A LADDER**
[54] **DISPOSITIF D'ASSISTANCE POUR UN UTILISATEUR D'ECHELLE**
[72] MATHARU, KAMAY, CA
[73] TRACTEL LIMITED, CA
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[54] **METHOD AND SYSTEM FOR DEVICE CONFIGURATION AND CUSTOMIZATION**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION ET PERSONNALISATION DE DISPOSITIF**
[72] BEATTY, KEVIN, CA
[72] HSU, HAROLD, CA
[72] WATLER, MIGUEL, CA
[72] NEWMAN, NADER, CA
[72] HODUL, RASTISLAV, CA
[73] PSION INC., CA
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[54] **RECHARGEABLE BATTERY POWERED UTILITY PUMP WITH SERIES CENTRIFUGAL PUMP CONFIGURATION**
[54] **POMPE UTILITAIRE ALIMENTEE PAR UNE BATTERIE RECHARGEABLE DOTEE D'UNE CONFIGURATION DE POMPE CENTRIFUGE EN SERIE**
[72] MEZA, HUMBERTO V., US
[72] MOORMANN, RANDALL H., US
[72] INGERSOLL, MARK F., US
[72] SCHOPPERLE, JEFFREY B., US
[72] KENNEY, JOEL A., US
[73] FLOW CONTROL LLC., US
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[72] LITTLE, HERBERT ANTHONY, CA
[72] TRUSKOVSKY, ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
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[54] **AIMANT PERMANENT ASSOCIE A UNE MACHINE DYNAMO-ELECTRIQUE ET SON PROCEDE DE FABRICATION**
[72] ADACHI, SHUUJI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2012-11-19
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[25] EN
[54] **FERMENTATION SYSTEM AND FERMENTATION METHOD USING SACCHARIDE SOLUTION**
[54] **SYSTEME DE FERMENTATION UTILISANT UNE SOLUTION SUCREE ET PROCEDE DE FERMENTATION UTILISANT UNE SOLUTION SUCREE**
[72] UKAI, NOBUYUKI, JP
[72] NISHIYAMA, MICHIO, JP
[72] SUZUKI, HIDEO, JP
[72] UEHARA, RYOSUKE, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD., JP
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[54] **OPHTHALMIC SOLUTION FOR PROTECTING INTERNAL STRUCTURES OF THE EYEBALL AGAINST UV-A RAYS OR FOR THE TREATMENT OF KERATOCONUS WITH A TRANS-EPITHELIAL CROSS-LINKING TECHNIQUE**
[54] **SOLUTION OPHTALMIQUE UTILISEE POUR PROTEGER LES STRUCTURES INTERNES DU GLOBE OCULAIRE CONTRE LES UV-A OU DANS LE CADRE DU TRAITEMENT DU KERATOCONE FAISANT APPEL A UNE TECHNIQUE DE RETICULATION TRANS-EPITHELIALE**
[72] TROISI, SALVATORE, IT
[72] DEL PRETE, ANTONIO, IT
[72] CARUSO, CIRO, IT
[73] SANSEVERINO, RENATO, IT
[73] TROISI, SALVATORE, IT
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[54] **ELEMENT DE SUPPRESSION DES RISQUES LIES A L'USAGE D'UN GARROT**
[72] MCEWEN, JAMES A., CA
[72] JAMESON, MICHAEL, CA
[73] WESTERN CLINICAL ENGINEERING LTD., CA
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[54] **SYSTEM AND METHOD FOR CONTROLLING LED SEGMENTS TO PROVIDE LIGHTING EFFECTS**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE SEGMENTS A DEL POUR FOURNIR DES EFFETS DE LUMIERE**
[72] RODRIGUEZ, YAN, US
[72] BRUCE, MICHAEL, US
[72] HAND, MARK ANTHONY, US
[72] SIECZKOWSKI, PHILIP, US
[73] ABL IP HOLDING LLC, US
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[54] **DISPLACEMENT RESISTANT MICROELECTRODE, MICROELECTRODE BUNDLE AND MICROELECTRODE ARRAY**
[54] **MICROELECTRODE RESISTANTE AU DEPLACEMENT, FAISCEAU DE MICROELECTRODES ET RESEAU DE MICROELECTRODES**
[72] SCHOUENBORG, JENS, SE
[72] LIND, GUSTAV, SE
[72] HIRST, CHRISTOPHER, SE
[72] CLEMENTZ, LARS-AKE, SE
[73] NEURONANO AB, SE
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[54] **COMMUNICATIONS MODULE FOR ALTERNATE PATH GRAVEL PACKING, AND METHOD FOR COMPLETING A WELLBORE**
[54] **MODULE DE COMMUNICATION POUR L'INSTALLATION D'UN FILTRE A GRAVIER A CHEMINS ALTERNES, ET PROCEDE DE COMPLETION D'UN PUITS DE FORAGE**
[72] ANGELES BOZA, RENZO M., US
[72] MOFFETT, TRACY J., US
[72] ENTCHEV, PAVLIN B., US
[72] YEH, CHARLES S., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **DIGITAL RECEIVER AND METHOD FOR PROCESSING 3D CONTENTS IN DIGITAL RECEIVER**
[54] **RECEPTEUR NUMERIQUE ET PROCEDE PERMETTANT DE TRAITER LE CONTENU 3D D'UN RECEPTEUR NUMERIQUE**
[72] SUH, JONGYEUL, KR
[72] CHOE, JEEHYUN, KR
[72] KIM, JINPIL, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
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[54] **METHODS AND APPARATUS FOR SENSING GROUND LEAKAGE AND AUTOMATED SELF TESTING THEREOF**
[54] **PROCEDES ET APPAREIL DE DETECTION DE PERTE A LA TERRE ET AUTO-ESSAI AUTOMATISE ASSOCIE**
[72] SUCHOFF, MICHAEL, US
[73] RARITAN AMERICAS, INC., US
[85] 2013-05-27
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[54] **VASCULAR CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE VASCULAIRE**
[72] DAVE, VIPUL BHUPENDRA, US
[72] CHIN-CHEN, CHAO, US
[72] PALERMO, THOMAS, US
[73] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
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[54] **BALANCE COMBINATOIRE**
[72] KAWASHIMA, TAKAAKI, JP
[73] YAMATO SCALE CO., LTD., JP
[85] 2013-06-21
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[54] **A DUAL-PORE DUAL-AMPLIFIER DEVICE PROVIDING INDEPENDENTLY ADJUSTABLE VOLTAGES ACROSS EACH PORE**
[54] **DISPOSITIF AMPLIFICATEUR DOUBLE A DEUX PORES OFFRANT DES TENSIONS REGLABLES DE MANIERE INDEPENDANTE A CHAQUE PORE**
[72] DUNBAR, WILLIAM, US
[72] KIM, JUNGSUK, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2013-07-03
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[54] **INSERTS FOR HOLLOW STRUCTURAL MEMBERS**
[54] **INSERTS POUR ELEMENTS STRUCTURAUX CREUX**
[72] LENOX, RONALD M., US
[72] KUMAR, SNEH, US
[73] ARCONIC INC., US
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[54] **SOLAR THERMAL ENERGY CAPTURE SYSTEM WITH OVERHEATING PROTECTION AND COLD TEMPERATURE BYPASS**
[54] **SYSTEME DE CAPTAGE D'ENERGIE SOLAIRE THERMIQUE A PROTECTION CONTRE LA SURCHAUFFE ET DERIVATION DE TEMPERATURE FROIDE**
[72] JACKMAN, TOM, CA
[73] TRATHOM CORPORATION, CA
[85] 2013-07-10
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[54] **HEAT TRANSFER ASSEMBLY FOR ROTARY REGENERATIVE PREHEATER**
[54] **MECANISME DE TRANSFERT DE CHALEUR POUR APPAREIL DE PRECHAUFFAGE REGENERATEUR ROTATIF**
[72] O'BOYLE, KEVIN JAMES, US
[72] SEEBALD, JAMES DAVID, US
[72] YOWELL, JEFFREY EDWARD, US
[73] ARVOS INC., US
[86] (2824528)
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[54] **SILICONE HYDROGEL CONTACT LENSES**
[54] **LENTILLES DE CONTACT EN SILICONE-HYDROGEL**
[72] LIU, YUWEN, US
[72] HONG, YE, US
[72] GE, JUNHAO, US
[72] XU, YUAN, US
[72] CHEN, CHARLIE, US
[72] FRANCIS, CHARLES A., US
[72] YAO, LI, US
[72] BACK, ARTHUR, US
[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
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[54] **SILICONE HYDROGEL CONTACT LENSES HAVING ACCEPTABLE LEVELS OF ENERGY LOSS**
[54] **LENTILLES DE CONTACT EN HYDROGEL DE SILICONE AYANT DES NIVEAUX ACCEPTABLES DE PERTE ENERGETIQUE**
[72] LIU, RONGHUA, US
[72] SHI, XINFENG, US
[72] LIU, YUWEN, US
[72] CHEN, CHARLIE, US
[72] HONG, YE, US
[72] FRANCIS, CHARLES A., US
[72] YAO, LI, US
[72] BACK, ARTHUR, US
[72] ZHENG, YING, US
[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
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[25] EN
[54] **METHOD AND APPARATUS FOR CONVERSION OF CELLULOSIC MATERIAL TO ETHANOL**
[54] **PROCEDE ET APPAREIL DE CONVERSION DE MATIERE CELLULOSIQUE EN ETHANOL**
[72] HOLM CHRISTENSEN, BORGE, DK
[72] HOLM GERLACH, LENA, DK
[73] INBICON A/S, DK
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[87] (2831082)
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[54] **SYSTEM AND METHOD FOR WEB-BASED SECURITY AUTHENTICATION**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION DE SECURITE SUR INTERNET**
[72] LEE, CHANG, US
[73] SOFTLAYER TECHNOLOGIES, INC., US
[85] 2013-10-21
[86] 2012-05-10 (PCT/US2012/037353)
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[54] **CROSS-LANGUAGE COMMUNICATION BETWEEN PROXIMATE MOBILE DEVICES**
[54] **COMMUNICATION INTERLINGUALE ENTRE DISPOSITIFS MOBILES PROCHES**
[72] ZIVKOVIC, ALEKSANDAR, CA
[73] YAPPN CORP., US
[85] 2013-11-04
[86] 2012-05-04 (PCT/US2012/036500)
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[54] **C-KIT ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-C-KIT ET UTILISATIONS DE CEUX-CI**
[72] AMATULLI, MICHAEL, US
[72] BREEN (NEE BRENNAN), LAURA ANN, US
[72] PAZ, KEREN, US
[73] IMCLONE, LLC, US
[85] 2013-11-05
[86] 2012-05-03 (PCT/US2012/036240)
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[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/033 (2013.01)**
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[54] **METHOD AND APPARATUS FOR CLASSIFYING MULTIPLE DEVICE STATES**
[54] **PROCEDE ET APPAREIL POUR CLASSIFIER DE MULTIPLES ETATS DE DISPOSITIF**
[72] GROKOP, LEONARD H., US
[72] SARAH, ANTHONY, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-11-13
[86] 2012-05-21 (PCT/US2012/038856)
[87] (WO2012/166416)
[30] US (61/490,999) 2011-05-27
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[54] **HEATING ELEMENT UNDULATION PATTERNS**
[54] **MOTIFS D'ONDULATION POUR ELEMENT CHAUFFANT**
[72] COWBURN, LAWRENCE G., US
[72] DUFFNEY, SCOTT R., US
[72] GRANTIER, DENNIS R., US
[72] YOWELL, JEFFERY E., US
[73] ARVOS INC., US
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[51] **Int.Cl. B27N 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR APPLYING GLUE TO FIBERS**
[54] **DISPOSITIF ET PROCEDE D'ENCOLLAGE DE FIBRES**
[72] OHLENDORF, RUDOLF CHRISTOPHER, DE
[72] STAUB, GUENTER, DE
[72] TRUMMEL, ROLF, DE
[73] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH, DE
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[86] 2012-05-25 (PCT/EP2012/059833)
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[30] DE (10 2011 103 326.6) 2011-05-27

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[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **DELIVERY ASSEMBLY FOR MACHINES FOR PREPARING LIQUID PRODUCTS VIA CARTRIDGES**
[54] **ENSEMBLE DE DISTRIBUTION POUR MACHINES PERMETTANT DE PREPARER DES PRODUITS LIQUIDES AU MOYEN DE CARTOUCHES**
[72] BUGNANO, LUCA, IT
[72] CABILLI, ALBERTO, IT
[72] PINNA, ANDREA, IT
[72] DE MANGO, CARLO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2013-11-26
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[87] (WO2012/168917)
[30] IT (TO2011A000508) 2011-06-09
[30] IT (TO2012A000249) 2012-03-20

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[25] EN
[54] **CRYSTALS OF GLYCINE DERIVATIVE AND PHARMACEUTICAL USE THEREOF**
[54] **CRISTAUX DE DERIVE DE GLYCINE ET UTILISATION PHARMACEUTIQUE DE CEUX-CI**
[72] SHIRAKI, MOTOHIRO, JP
[72] TAKAHASHI, HIROZUMI, JP
[72] NOGAMI, TSUTOMU, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2013-11-26
[86] 2012-06-29 (PCT/JP2012/066672)
[87] (WO2013/002364)
[30] JP (2011-145446) 2011-06-30

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[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **RESOURCE SHARING METHOD AND DEVICE, AND STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE PARTAGE DE RESSOURCES, ET SUPPORT DE STOCKAGE**
[72] LIU, GANG, CN
[72] YIN, HANG, CN
[72] LI, XIAOKANG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2013-12-06
[86] 2012-12-07 (PCT/CN2012/086150)
[87] (WO2013/131387)
[30] CN (201210055783.4) 2012-03-05

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[13] C
[51] **Int.Cl. H01M 4/04 (2006.01) H01M 4/58 (2010.01)**
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[54] **PREPARATION METHOD OF BATTERY COMPOSITE MATERIAL AND PRECURSOR THEREOF**
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[72] HSIEH, HAN-WEI, CN
[73] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD., CN
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[72] GAWLOWSKI, MATTHEW, US
[73] PELICAN PRODUCTS, INC., US
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[54] **PROCEDE DE SUIVI D'OBJETS AU MOYEN DE L'IMAGERIE HYPERSPECTRALE**
[72] BUEHLER, ERIC DANIEL, US
[72] LASSINI, STEFANO ANGELO MARIO, US
[72] KUCZYNSKI, KONRAD ROBERT, US
[72] KELLY, RICHARD SHAWN, US
[72] OCCHIPINTI, BENJAMIN THOMAS, US
[72] SCHAFER, MATTHEW JAMES, US
[72] SMITH, REBECCA JEANNE, US
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[73] GE AVIATION SYSTEMS LLC, US
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[54] **SYSTEME D'APPLICATION GENERALE POUR LA MISE AU REBUT DE MEDICAMENTS**
[72] FOWLER, WILLIAM, US
[72] ANDERSON, CLAYTON, US
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[73] VERDE ENVIRONMENTAL TECHNOLOGIES, INC., US
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[72] SCHMIDT, HOWARD KHAN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **A BOTTOM HOLE ASSEMBLY FOR DEPLOYING AN EXPANDABLE LINER IN A WELLBORE**
[54] **ENSEMBLE DE FOND DE TROU DESTINE A DEPLOYER UNE COLONNE PERDUE EXTENSIBLE DANS UN PUITS DE FORAGE**
[72] ZHOU, SHAOHUA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PREPARATIONS ECTOPARASITICIDES AMELIOREES**
[72] HEMSARTH, W. LANCE, US
[72] GOLDMAN, KEITH, US
[72] MCGARVEY, ELLEN, US
[73] THE HARTZ MOUNTAIN CORPORATION, US
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[54] **APPARATUS FOR EVALUATING ROCK PROPERTIES WHILE DRILLING USING DRILLING RIG-MOUNTED ACOUSTIC SENSORS**
[54] **APPAREIL POUR EVALUER LES PROPRIETES D'UNE ROCHE PENDANT LE FORAGE AU MOYEN DE CAPTEURS ACOUSTIQUES MONTES SUR UN APPAREIL DE FORAGE**
[72] YANG, YUNLAI, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PROPPANT MATERIALS AND METHODS OF TAILORING PROPPANT MATERIAL SURFACE WETTABILITY**
[54] **MATERIAUX DE SOUTENEMENT ET MODULATION DE LA MOUILLABILITE DE LEUR SURFACE**
[72] GREEN, JOHN WILLIAM, US
[72] TERRACINA, JOHN MARIO, US
[72] BORGES, JERRY FRANCIS, US
[72] SPILLARS, SCOTT EDWARD, US
[72] MAH, SAMANTHA HUIXIAN, US
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[54] **REGARD VIDANGEABLE ET PROCEDES ASSOCIES**
[72] AL JOHANI, SAMER MOHAMMED, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA CROISSANCE D'UNE VOLAILLE D'ABATTAGE**
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[73] NORTH CAROLINA STATE UNIVERSITY, US
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[54] **CUTTING TOOL AND METHOD OF OPERATING SAME**
[54] **OUTIL DE COUPE ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] WRIGHT, DAVID S., US
[72] ANDERSON, CHRISTINE M., US
[72] BACKMAN, CURT, US
[72] COFFLAND, DONALD W., US
[72] AYERS, AARON R., US
[72] YOUNG, DONALD R., US
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[54] **COMPOSITIONS DE CIMENT POUR PROTHESE DENTAIRE**
[72] RAJAIAH, JAYANTH, US
[72] BAIG, ARIF ALI, US
[72] LEONARD, ROBERT SCOTT, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **APPAREIL DE SURVEILLANCE D'AU MOINS UN PARAMETRE OCULAIRE**
[72] KERSTING, OLIVER, DE
[72] GRUNDIG, MARTIN, DE
[73] ALCON PHARMACEUTICALS LTD., CH
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[54] **SYSTEMES ET PROCEDES S'APPLIQUANT A DES PONCTIONS TRANSSEPTALES CRYO-ADHESIVES**
[72] LALONDE, JEAN-PIERRE, CA
[73] MEDTRONIC CRYOCATH LP, CA
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[73] PURDUE PHARMA L.P., US
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[54] **PIERCING APPARATUS, PLUG USED FOR PIERCING APPARATUS, AND METHOD FOR PRODUCING SEAMLESS STEEL PIPE**
[54] **DISPOSITIF DE PERCAGE, BOUCHON UTILISE DANS UN DISPOSITIF DE PERCAGE ET PROCEDE DE FABRICATION DE TUYAU EN ACIER SANS VAPEUR**
[72] SHIMODA, KAZUHIRO, JP
[72] YAMAKAWA, TOMIO, JP
[72] YAMANE, KOUJI, JP
[72] INOUE, YUJI, JP
[72] SHIMOOKA, SYUSUKE, JP
[72] MURAMATSU, KOUJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **DUAL ELEVATOR LARGE BOTTLE VENDING APPARATUS**
[54] **APPAREIL DISTRIBUTEUR AUTOMATIQUE DE BOUTEILLES DE GRANDE DIMENSION A DOUBLE ELEVATEUR**
[72] ROSE, R. EDWARD, US
[72] ROSE, R. EDWARD, III, US
[72] VERROCHI, MICHAEL J., US
[72] HANCOCK, STEPHEN H., US
[73] BLUEROCK VENTURES, LLC, US
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[54] **ROUTAGE INTELLIGENT ASSISTE POUR OBJETS CONNECTES MINIMALISTES**
[72] VASSEUR, JEAN-PHILIPPE, FR
[73] CISCO TECHNOLOGY, INC., US
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[54] **RECIPIENT DE SEPARATION A EXTRACTION DE PARTICULES AMELIOREE**
[72] BALL, WILL D., IV, US
[73] KBK INDUSTRIES, LLC, US
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[54] **APPAREIL ET PROCEDES POUR FAIRE FONCTIONNER DES PORTES A COMMANDE D'ECOULEMENT LAMINAIRE**
[72] BIEDSCHEID, RICK A., US
[73] THE BOEING COMPANY, US
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[54] **RIDEAUX SUPERIEURS POUR ABRIS DE QUAI OU FERMETURES DE QUAI**
[72] DIGMANN, CHARLES, US
[72] BORGERDING, GARY, US
[72] SCHMIDT, TIMOTHY J., US
[73] RITE-HITE HOLDING CORPORATION, US
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[54] **SYSTEME DE CALCUL DE DEFAUT D'ALIGNEMENT**
[72] TANAKA, MASAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[72] GRAY, CHRISTOPHER ALAN, DE
[72] MOORMANN-SCHMITZ, ANTONIUS, DE
[72] MEIXNER, HUBERT, DE
[72] SANCHEZ CERRO, LUIS MIGUEL, DE
[72] JEHN-RENDU, CHRISTIAN, CN
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[73] BASF SE, DE
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[54] **PROCEDE DE TRAITEMENT DE LIGNINE**
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[72] BLACKBURN, JOHN C., US
[73] LIQUID LIGNIN COMPANY, LLC, US
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[54] **COMMANDE DE PRESSION DOUBLE POUR UN ACTIONNEUR DE FREIN A ROTOR POUR AERONEF A SOULEVEMENT VERTICAL**
[72] ELVING, CARL T., US
[72] SOBEL, JAMES E, US
[72] PUJOL, MICHAEL, US
[73] BELL HELICOPTER TEXTRON INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR LIGATING A BODY PART**
[54] **PROCEDE ET SYSTEME POUR LIGATURER UNE PARTIE D'UN CORPS**
[72] CALLICRATE, MICHAEL P., US
[72] HARBACH, ROY ALLEN, US
[73] NO-BULL ENTERPRISES LLC, US
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[54] **METHOD, APPARATUS AND COMPUTER STORAGE MEDIUM FOR PLUG-IN MANAGEMENT AND CONTROL**
[54] **PROCEDE, APPAREIL ET SUPPORT DE STOCKAGE D'ORDINATEUR DESTINES A LA GESTION ET COMMANDE DE MODULES D'EXTENSION**
[72] HUANG, TIANQING, CN
[72] YE, WA, CN
[72] CHEN, YUEHAI, CN
[72] ZHAO, YUAN, CN
[72] ZHANG, YUXUAN, CN
[72] HUANG, RUNJIA, CN
[72] HUANG, QING, CN
[72] CHEN, JUNCHAO, CN
[72] CAI, RUNDA, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[54] **COQUE DE BATEAU**
[72] TURNER, JAMES F., CA
[73] TURNER, JAMES F., CA
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[25] EN
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[54] CONVERTISSEUR ELECTRONIQUE DE PUISSANCE
[72] TRAINER, DAVID REGINALD, GB
[72] OKAEME, NNAMDI, GB
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] INHIBITORS OF THIOREDOXIN-INTERACTING PROTEIN (TXNIP) FOR THERAPY
[54] INHIBITEURS DE LA PROTEINE D'INTERACTION AVEC LA THIOREDOXINE (TXNIP) DESTINES A UNE THERAPIE
[72] KRAMMER, PETER, DE
[72] GULOW, KARSTEN, DE
[72] SASS, SABINE, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTES, DE
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[13] C
[51] Int.Cl. A01M 23/16 (2006.01) A01M 29/30 (2011.01)
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[54] DISPOSITIF DE CONTROLE DES CASTORS DESTINE A UN TUYAU DE PONCEAU
[72] FLEMING, WALTER, CA
[73] FLEMING, WALTER, CA
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[54] POMPE A ROULEAUX
[72] BAUMANN, MANFRED, DE
[72] BREITKOPF, BERTHOLD, DE
[72] HUGEL, ELMAR, DE
[72] NEUBAUER, HERBERT, DE
[72] NURNBERGER, THOMAS, DE
[72] SCHNEIDER, JOCHEN, DE
[72] SPENGLER, GERHARD, DE
[72] WAMSIEDLER, RALF, DE
[72] BIESEL, WOLFGANG, DE
[72] BUSSE, CHRISTIAN, DE
[72] CARONNA, MARCO, IT
[72] JONAS, JORG, DE
[72] REITER, REINHOLD, IT
[72] APEL, JORN, DE
[72] LAUER, MARTIN, DE
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[54] CARBOLINE AND CARBAZOLE BASED IMAGING AGENTS FOR DETECTING NEUROLOGICAL DYSFUNCTION
[54] AGENTS D'IMAGERIE A BASE DE CARBOLINE ET DE CARBAZOLE POUR LA DETECTION DE DYSFONCTION NEUROLOGIQUE
[72] SZARDENINGS, ANNA KATRIN, US
[72] KOLB, HARTMUTH C., US
[72] WALSH, JOSEPH C., US
[72] CHEN, GANG, US
[72] GANGADHARMATH, UMESH B., US
[72] KASI, DHANALAKSHMI, US
[72] LIU, CHANGHUI, US
[72] SINHA, ANJANA, US
[72] WANG, ERIC, US
[72] YU, CHUL, US
[72] ZHANG, WEI, US
[72] CHEN, KAI, US
[72] MOCHARLA, VANI P., US
[72] SCOTT, PETER J.H., US
[73] ELI LILLY AND COMPANY, US
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[54] APPARATUS FOR REPLACING A NATIVE HEART VALVE AND METHOD OF MAKING THE SAME
[54] APPAREIL SERVANT AU REMPLACEMENT D'UNE VALVE CARDIAQUE NATIVE ET PROCEDE DE PREPARATION ASSOCIE
[72] GREGG, PETER W., US
[72] YANG, JIANHUA, US
[72] WAISBLATT, JARAD, US
[72] SUTTON, BENJAMIN T., US
[72] SALAHIEH, ALI, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **STORAGE RACK WITH IMPROVED TIE SUPPORT**
[54] **ETAGERE DE RANGEMENT AVEC SUPPORT AMELIORE**
[72] OFFERMAN, RYAN THOMAS, US
[73] LF CENTENNIAL LIMITED, VG
[86] (2877354)
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[25] EN
[54] **WATER SOLUBLE POLYMER POWDERS WITH IMPROVED DISPERSIBILITY**
[54] **POUDRES POLYMERES SOLUBLES DANS L'EAU DOTEES D'UNE DISPERSIBILITE AMELIOREE**
[72] BHARGAVA, PRACHUR, US
[72] TALLON, MICHAEL A., US
[72] VAYNBERG, KONSTANTIN A., US
[73] HERCULES LLC, US
[85] 2014-12-29
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[54] **SANDWICH SHEET AND PROCESS FOR PRODUCTION THEREOF**
[54] **TOLE SANDWICH ET SON PROCEDE DE FABRICATION**
[72] BOGER, THORSTEN, DE
[72] KLAUKE, PETER, DE
[72] LEWE, TOBIAS, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
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[54] **METHOD AND APPARATUS FOR COLD SMOKING MEAT OR SEAFOOD**
[54] **PROCEDE ET APPAREIL DE FUMAGE A FROID DE VIANDE OU DE FRUITS DE MER**
[72] FISHER, STEPHEN REISS, PH
[73] SEA DELIGHT EUROPE, SL, ES
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[25] EN
[54] **MAGAZINE RELEASING/RETAINING MECHANISM FOR A FIREARM, AND BUTTSTOCK AND WEAPON RECEIVER FOR A FIREARM, IN EACH CASE EQUIPPED THEREWITH**
[54] **DISPOSITIF DE DEBLOCAGE/BLOCAGE DE CHARGEUR D'UNE ARME A FEU ET POIGNEE EQUIPEE DE CELUI-CI ET CARCASSE D'UNE ARME A FEU**
[72] FLUHR, NORBERT, DE
[72] KOHLER, DANIEL, DE
[73] HECKLER & KOCH GMBH, DE
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[54] **PIPE IN PIPE PISTON THRUST SYSTEM**
[54] **SYSTEME DE POUSSEE A PISTON DE TUBE DANS TUBE**
[72] HAY, RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **USER CONTROL OVER WIFI NETWORK ACCESS**
[54] **MAITRISE PAR L'UTILISATEUR DE L'ACCES AU RESEAU WIFI**
[72] GATEWOOD, JOHN M., US
[72] SCHNITZER, LEE ALAN, US
[72] WOODRUM, SHARON L., US
[72] VORUGANTI, BHANU PRAKASH, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
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[54] **GEARED FAN WITH INNER COUNTER ROTATING COMPRESSOR**
[54] **SOUFFLANTE A REDUCTEUR DOTEE D'UN COMPRESSEUR CONTRAROTATIF INTERNE**
[72] MAGOWAN, JOHN W., US
[73] UNITED TECHNOLOGIES CORPORATION, US
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[54] **IMPROVED MATRIX STABILITY COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES DE STABILITE AMELIOREE DE MATRICE**
[72] DUVALL, STACY, US
[72] KACHEL, SIBYLLE, DE
[72] LICA, GEORGETA CAMI, US
[72] SCHABEL, WILHELM, DE
[72] SCHARFER, PHILIP, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **MULTI-LAYERED TUBING**
[54] **TUBAGE MULTICOUCHE**
[72] BOURGEOIS, PHILIP, US
[73] TEKNI-PLEX, INC., US
[85] 2015-02-13
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[54] **HIGH STRENGTH, INTEGRALLY PRE-STRESSED MONOBLOCK CONCRETE CROSSTIE WITH OPTIMAL GEOMETRY FOR USE IN BALLASTED RAILWAYS**
[54] **TRAVERSE EN BETON MONOBLOC PRECONTRAINT INTEGRALEMENT A HAUTE RESISTANCE A GEOMETRIE OPTIMALE POUR UTILISATION SUR DES VOIES FERREES BALLASTEES**
[72] GUTIERREZ ROMERO, MAURICIO JAVIER, MX
[73] SUMACANO REAL ESTATE LLC, US
[86] (2882642)
[87] (2882642)
[22] 2015-02-23
[30] MX (MX/A/2014/008112) 2014-07-01
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[54] **INFORMATION TRANSMISSION METHOD, APPARATUS, AND SYSTEM, TERMINAL, AND SERVER**
[54] **PROCEDE ET APPAREIL POUR LA TRANSMISSION DE DONNEES, ET SYSTEME, TERMINAL, ET SERVEUR CORRESPONDANTS**
[72] ZHANG, XIAOLONG, CN
[72] RONG, KUNFENG, CN
[72] CHEN, WENXIAO, CN
[72] LIN, ZHIYUAN, CN
[72] YAO, SHAOMIAN, CN
[72] WENG, LETENG, CN
[72] SUN, XIAO, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[54] **PROCESS FOR FILTRATION ENHANCEMENT OF AQUEOUS DISPERSIONS**
[54] **PROCEDE D'AMELIORATION DE LA FILTRATION DES DISPERSIONS AQUEUSES**
[72] BLUEMLE, MICHAEL J., US
[72] ANDERMANN, LAWRENCE J., US
[72] PELTIER, JEFFREY H., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2015-03-02
[86] 2013-09-13 (PCT/US2013/059694)
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[54] **PIXEL MAPPING, ARRANGING, AND IMAGING FOR ROUND AND SQUARE-BASED MICRO LENS ARRAYS TO ACHIEVE FULL VOLUME 3D AND MULTI-DIRECTIONAL MOTION**
[54] **CARTOGRAPHIE, AGENCEMENT ET IMAGERIE DE PIXELS POUR RESEAUX DE MICRO-LENTILLES A BASE RONDE OU CARREE POUR OBTENIR UN EFFET 3D A PLEIN VOLUME ET UN MOUVEMENT MULTIDIRECTIONNEL**
[72] RAYMOND, MARK A., US
[72] SOTO, HECTOR ANDRES PORRAS, US
[73] LUMENCO, LLC, US
[85] 2015-03-05
[86] 2013-09-04 (PCT/US2013/057926)
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[54] **RADIO FREQUENCY IDENTIFICATION CAPSULE (RFID)**
[54] **CAPSULE DE RADIO-IDENTIFICATION (RFID)**
[72] BOVET, MARC, CH
[72] ZIELASCH, ANDREAS, DE
[72] GEHRIG, NICOLAS, CH
[73] SATYATEK SA, CH
[85] 2015-03-23
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[54] **SEAT BELT INSTALLATION STRUCTURE OF VEHICLE**
[54] **STRUCTURE D'INSTALLATION D'UNE CEINTURE DE SECURITE D'UN VEHICULE**
[72] KURODA, KOSUKE, JP
[72] NOZAWA, HIRONORI, JP
[72] TOMIYAMA, JUN, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2886373)
[87] (2886373)
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[54] **SYSTEMS AND METHODS FOR REAL TIME DRILLING FLUID MANAGEMENT**
[54] **SYSTEMES ET PROCEDES DE GESTION DE FLUIDE DE FORAGE EN TEMPS REEL**
[72] JAMISON, DALE E., US
[72] ALMOND, STEPHEN W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-31
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[25] EN
[54] **BOLT CATCH LEVER FOR A FIREARM AND BUTTSTOCK AND WEAPON RECEIVER FOR A FIREARM EQUIPPED THEREWITH**
[54] **LEVIER DE VERROUILLAGE DE CULASSE POUR UNE ARME A FEU ET ELEMENT FORMANT POIGNEE MUNI DUDIT LEVIER DE VERROUILLAGE DE CULASSE ET ENVELOPPE D'UNE ARME A FEU**
[72] FLUHR, NORBERT, DE
[72] KOHLER, DANIEL, DE
[73] HECKLER & KOCH GMBH, DE
[85] 2015-04-02
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[54] **METHOD AND APPARATUS FOR PERFORMING CHANNEL ACCESS IN WIRELESS LAN SYSTEM**
[54] **PROCEDE ET DISPOSITIF POUR EFFECTUER UN ACCES AU CANAL DANS UN SYSTEME WLAN**
[72] CHOI, JINSOO, KR
[72] CHO, HANGYU, KR
[72] KIM, JEONGKI, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-04-07
[86] 2013-08-05 (PCT/KR2013/007035)
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[30] US (61/805,898) 2013-03-27
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[54] **ROTARY MILL**
[54] **BROYEUR ROTATIF**
[72] MURRAY, DAVID WYCLIFFE, GB
[72] DODD, CHRISTOPHER ALEXANDER, GB
[72] GOODFELLOW, JOHN (DECEASED), GB
[72] O'CONNOR, JOHN, GB
[72] ALINEJAD, MONA, GB
[72] LLOYD, RUSSELL, GB
[72] RIDLEY, DUNCAN ANDREW, GB
[73] MURRAY, DAVID WYCLIFFE, GB
[73] DODD, CHRISTOPHER ALEXANDER, GB
[73] OXFORD JOINT ANALYSIS LTD, GB
[73] HUNSLEY, COLIN, ACTING AS EXECUTOR FOR THE ESTATE OF JOHN WILLIAM GOODFELLOW, GB
[73] BIOMET UK HEALTHCARE LIMITED, GB
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[25] EN
[54] **HITCH DRAWBAR STORAGE APPARATUS**
[54] **DISPOSITIF DE RANGEMENT DE BARRE D'ATTELAGE**
[72] OLSON, BRIAN R., CA
[73] POWER PIN INC., CA
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[87] (2888267)
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[54] **FERULATE ESTERASE PRODUCING STRAIN LACTOBACILLUS PLANTARUM LP3779 AND METHODS OF USING SAME AS A SILAGE INOCULANT**
[54] **ESTERASE DE FERULATE PRODUISANT UNE SOUCHE DE LACTOBACILLUS PLANTARIUM LP3779 ET SES METHODES D'UTILISATION COMME INOCUMUM POUR ENSILAGE**
[72] NSEREKO, VICTOR, US
[72] RUTHERFORD, WILLIAM, US
[72] SMILEY, BRENDA K., US
[72] SPIELBAUER, ANNETTE, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
[54] **SUNLIGHT-UTILIZING GAS TURBINE POWER GENERATION SYSTEM PROVIDED WITH HYDROGEN-GENERATING UNIT**
[54] **SYSTEME DE GENERATION D'ENERGIE A TURBINE A GAZ UTILISANT LA LUMIERE DU SOLEIL DOTE D'UNE UNITE GENERANT DE L'HYDROGENE**
[72] TANIMURA, KAZUHIKO, JP
[72] SUGIMOTO, TAKAO, JP
[72] KUSTERER, KARSTEN, DE
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[73] B&B AGEMA GMBH, DE
[85] 2015-04-23
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[30] JP (2012-236377) 2012-10-26

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[51] **Int.Cl. B62D 25/08 (2006.01)**
[25] EN
[54] **BRACKET FOR SUPPORT STRUCTURE FOR STEERING COLUMN, AND SUPPORT STRUCTURE FOR STEERING COLUMN**
[54] **CONSOLE POUR STRUCTURE DE SUPPORT DESTINEE A UNE COLONNE DE DIRECTION, ET STRUCTURE DE SUPPORT DESTINEE A UNE COLONNE DE DIRECTION**
[72] NAKANE, SHINICHIRO, JP
[72] ISHIHARA, HIROKI, JP
[73] FUTABA INDUSTRIAL CO., LTD., JP
[85] 2015-04-24
[86] 2013-10-02 (PCT/JP2013/076842)
[87] (WO2014/065089)
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[25] EN
[54] **ROTARY STEERABLE MOTOR SYSTEM FOR UNDERGROUND DRILLING**
[54] **SYSTEME A MOTEUR ROTATIF ORIENTABLE POUR FORAGE SOUTERRAIN**
[72] TURNER, WILLIAM E., US
[72] PERRY, CARL A., US
[72] WASSELL, MARK E., US
[72] BARBELY, JASON R., US
[72] BURGESS, DANIEL E., US
[72] COBERN, MARTIN E., US
[73] APS TECHNOLOGY, INC., US
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[25] EN
[54] **HIGH ENERGY REDUCTION IN A PROPANE DEHYDROGENATION UNIT BY UTILIZING A HIGH PRESSURE PRODUCT SPLITTER COLUMN**
[54] **REDUCTION A HAUTE ENERGIE DANS UNE UNITE DE DESHYDROGENATION DU PROPANE A L'AIDE D'UNE COLONNE DE SEPARATION DE PRODUITS HAUTE PRESSION**
[72] PANDITRAO, SUNIL, US
[73] LUMMUS TECHNOLOGY INC., US
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[54] **SCREEN CLOTH FOR VIBRATING OR STATIONARY SCREENS**
[54] **TISSU DE TAMIS POUR LES ECRANS VIBRATOIRES OU STATIONNAIRES**
[72] TIEU, JOHN, CA
[72] RUMBOLT, GILBERT, CA
[72] MACNEIL, DANIEL, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2891745)
[87] (2891745)
[22] 2011-10-12
[62] 2,755,026

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[51] **Int.Cl. E04C 1/39 (2006.01)**
[25] EN
[54] **ECOLOGICAL CONSTRUCTION SYSTEMS FOR BUILIDNGS WITH GREEN WALLS**
[54] **SYSTEME DE CONSTRUCTION ECOLOGIQUE POUR BATIMENTS A MURS VEGETALISES**
[72] LOPEZ OTAMENDI, EDUARDO, MX
[73] ELEVEN SOLUTIONS RFE S.A. DE C.V., MX
[85] 2015-05-20
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[51] **Int.Cl. F01N 3/18 (2006.01) F01N 3/20 (2006.01) F01N 3/24 (2006.01)**
[25] EN
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[54] **METHODE DE POST-TRAITEMENT DE GAZ D'ECHAPPEMENT**
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[54] **PROCEDES ET DISPOSITIFS D'INTERCOMMUNICATION SUR LA BASE DE RESEAUX NUMERIQUES**
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[54] **ENSEMBLE ROTATIF COMPRENANT UN FIL FLEXIBLE**
[72] KARASANTI, EMIEL DIMITRI, CN
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[54] **ENSEMBLE DE CONDUITS DE VENTILATION PREFABRIQUES, CALCULES RESISTANTS AU FEU ET NON RESISTANTS AU FEU, DOTES DE SOUS-CONDUITS INTEGRES**
[72] EDGAR, GLEN A., US
[72] PRIDEMORE, CLARK E., US
[72] PAGE, KEITH E., US
[73] HART & COOLEY, INC., US
[73] EDGAR, GLEN A., ZZ
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[54] **COMPOSEUR DE LOGICIEL SANS FIL DESTINE A UN APPAREIL DE COMMUNICATION SATELLITE ET TETE DE MESSAGERIE**
[72] CURTIS, TIMOTHY, CA
[72] HEAD, BRADLEY, CA
[72] INSLEY, MARK, CA
[72] KLIPPERT, CHAD, CA
[73] LATITUDE TECHNOLOGIES CORPORATION, CA
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[73] USNR/KOCKUMS CANCAR COMPANY, US
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[54] **PROCEDE ET APPAREIL POUR FACILITER L'ASSEMBLAGE ET L'ERECTION D'UN APPAREIL DE FORAGE**
[72] DONNALLY, ROBERT BENJAMIN, CH
[72] REN, CHUNQIAO, CH
[72] MCCURDY, STUART ARTHUR LYALL, CH
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[54] **AGENT DE SOUTENEMENT POLYMERE ET PROCEDE DE FABRICATION**
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[72] ALKHIMOV, SERGEY ANATOLIEVICH, RU
[72] BESPALOVA, NATALIA BORISOVNA, RU
[72] YUMASHEVA, TATYANA MODESTOVNA, RU
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[73] ELI LILLY AND COMPANY, US
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[72] GUO, LISA, US
[73] FACEBOOK, INC., US
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[72] VIGARS, PAUL, GB
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[73] TIDAL GENERATION LIMITED, GB
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[54] **PROCEDE DE TRAITEMENT D'EAU, ET SYSTEME DE TRAITEMENT D'EAU**
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[72] SAKURAI, HIDEAKI, JP
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[72] PALMER, JAMES E., US
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[72] MAIBACH, MATTHEW H., US
[73] SQUARE, INC., US
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[72] MILLER, MARTIN, US
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[72] MINOR, BARBARA HAVILAND, US
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[72] BIVENS, DONALD BERNARD, US
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[54] **CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE**
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[73] ANGELCARE DEVELOPMENT INC., CA
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[73] WEYLCHEM SUSTAINABLE MATERIALS, LLC, US
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[54] **COMPOSITIONS FIBREUSES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[72] TSE, HING C., US
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[72] OVERLY, HARRY, US
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[72] TIMAN, PETER, CA
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[54] **SYSTEME DE DISTRIBUTION DE CONTENU MULTIMEDIA RESTREINT GEOGRAPHIQUEMENT ET METHODE**
[72] SAVENOK, ALEXANDER, US
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[72] LEEKLEY, GREGORY H., US
[73] REMOTE MEDIA, LLC, US
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[72] ARSLAN, HAYDAR, US
[72] WONG, PATRICK C., US
[72] CURRY, TREVOR A., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[72] DIAS, LIBARDO, US
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[54] **COMPOSITION DE MODIFIANT MELANGE A CHAUD A VISCOSITE ELASTIQUE ELEVEE NOVATRICE ET SA METHODE DE FABRICATION ET COMPOSITIONS DE MELANGES DE BETON ASPHALTE MELANGES A CHAUD MODIFIES, RECYCLES ET VIERGES ET LEUR METHODE DE FABRICATION**
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[72] ROSSI, NORMAN, CA
[71] ROSSI, NORMAN, CA
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[54] **SAFE PROCESS FOR ABANDONING PIPES AND CAVITIES**
[54] **PROCEDE SUR D'ABANDON DE TUYAUX ET DE CAVITES**
[72] NG, RAYMOND P., CA
[71] NG, RAYMOND P., CA
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[51] **Int.Cl. B65D 30/08 (2006.01) B65D 30/22 (2006.01)**
[25] EN
[54] **PRE-FORMED FLEXIBLE PACKAGING POUCH AND METHOD OF MANUFACTURING THE SAME**
[54] **POCHETTE D'EMBALLAGE SOUPLE PREFORMEE ET METHODE DE FABRICATION ASSOCIEE**
[72] GIGLIO, LEONARDO ALESSANDRO, CA
[71] TEMPO PLASTICS LIMITED, CA
[22] 2015-09-29
[41] 2017-03-29

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[13] A1
[51] **Int.Cl. G06Q 50/16 (2012.01)**
[25] EN
[54] **REAL ESTATE BROKERAGE, PROPERTY RAFFLE - CONCEPT OF BUSINESS MODEL AND PRACTISE**
[54] **COURTAGE IMMOBILIER, LOTERIE IMMOBILIERE - CONCEPT DE MODELE D'AFFAIRES ET PRATIQUE**
[72] TAI, CHRISTOPHER C., CA
[71] TAI, CHRISTOPHER C., CA
[22] 2015-09-30
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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **METHODS, SYSTEMS AND COMPONENTS FOR INTEGRATING PURCHASE AND SALE OF MUTUAL FUND UNITS WITH DEALER EQUITY ORDER MANAGEMENT SYSTEMS**
[54] **METHODES, SYSTEMES ET COMPOSANTS DESTINES A L'INTEGRATION D'ACHAT ET DE VENTE D'UNITES DE FONDS COMMUNS DE PLACEMENT AUX SYSTEMES DE GESTION D'ORDRE BOURSIER DU VENDEUR**
[72] RUSSELL, JIM, CA
[72] SALCEDA, LARRY, CA
[72] INTRALIGI, PETER, CA
[72] LIU, REBECCA, CA
[72] ORR, SARAH, CA
[71] INVESCO CANADA LTD., CA
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[41] 2017-03-28

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[51] **Int.Cl. F25D 3/08 (2006.01)**
[25] EN
[54] **STACKABLE TRAYS CONTAINING REFRIGERANT AGENT AND PORTABLE COOLER FOR MAINTAINING ITEMS SUCH AS FISHING BAIT IN A FROZEN STATE**
[54] **PLATEAUX EMPILABLES COMPORTANT UN AGENT REFRIGERANT, ET REFROIDISSEUR PORTATIF SERVANT A MAINTENIR DES ARTICLES COMME DES APPATS DE PECHE DANS UN ETAT CONGELE**
[72] COYLE, RON D., CA
[71] COYLE, RON D., CA
[22] 2015-09-30
[41] 2017-03-30

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[51] **Int.Cl. H01R 25/16 (2006.01) H01R 35/04 (2006.01)**
[25] EN
[54] **EXPANDABLE AND ROTATABLE POWER STRIP**
[54] **BANDE D'ALIMENTATION EXTENSIBLE ET PIVOTANTE**
[72] NORIEGA, AIMET, US
[71] CREATIVE TECHNOLOGIES INVESTMENT, INC., US
[22] 2015-09-28
[41] 2017-03-28

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[25] EN
[54] **CONTAINERLIKE MONOLITHIC ASSEMBLY OF SETS OF FRAMEWORK STRUCTURE COMPONENTS FOR LARGE-SCALE INDUSTRIAL FACILITY CONSTRUCTION**
[54] **ASSEMBLAGE MONOLITHIQUE DE TYPE CONTENANT D'ENSEMBLES DE COMPOSANTES DE STRUCTURE DE CHARPENTE DE CONSTRUCTION DESTINEES A UNE INSTALLATION INDUSTRIELLE A GRANDE ECHELLE**
[72] HARPER, ROSS, CA
[71] MODULAR EYES INC., CA
[22] 2015-09-28
[41] 2017-03-28

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[51] **Int.Cl. C02F 1/52 (2006.01) C02F 9/14 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **PROCESSING OF AQUEOUS WASTE STREAMS TO REMOVE NAPHTHENIC ACIDS**
[54] **TRAITEMENT DE FLUX DE DECHETS AQUEUX EN VUE D'ELIMINER LES ACIDES NAPHTENIQUES**
[72] FLATLEY, MARTIN, CA
[71] SUNCOR ENERGY INC., CA
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[25] EN
[54] **FRAGMENT DETECTION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DETECTION DE FRAGMENT**
[72] DIMITROV, NIKOLA, CA
[72] WORSLEY, MARK JOHN, CA
[72] SHAWKY, AHMAD, CA
[71] RADIX, INC., CA
[22] 2015-10-01
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[51] **Int.Cl. H04L 12/16 (2006.01) G06F 9/44 (2006.01) G06F 17/00 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ADDING FUNCTIONALITY TO WEB-BASED APPLICATIONS HAVING NO EXTENSIBILITY FEATURES**
[54] **SYSTEME ET METHODE D'AJOUT DE FONCTIONNALITE AUX APPLICATIONS FONDEES SUR LE WEB NE COMPORTANT PAS DE FONCTIONNALITES D'EXTENSIBILITE**
[72] KIMBER, RYAN DONALD, CA
[72] MUKHI, SAURABH, CA
[72] WONG, ALFRED KUO HUI, CA
[71] THINK RESEARCH CORPORATION, CA
[22] 2015-10-01
[41] 2017-04-01

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[13] A1
[51] **Int.Cl. B60R 11/02 (2006.01) H04B 1/3877 (2015.01) B64D 11/00 (2006.01)**
[25] EN
[54] **SEATBACK HOLDER FOR CELLULAR PHONES AND IPADS**
[54] **SUPPORT DE DOSSIER DE SIEGE DESTINE AUX TELEPHONES PORTABLES ET AUX IPAD**
[72] BRICK, DAVID D., CA
[71] BRICK, DAVID D., CA
[22] 2015-09-30
[41] 2017-03-30

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR INITIATING AND PROCESSING COMMUNICATIONS IN AN INSTANT MESSSAGING APPLICATION**
[54] **METHODE, SYSTEME ET APPAREIL D'INITIATION ET DE TRAITEMENT DES COMMUNICATIONS DANS UNE APPLICATION DE MESSAGERIE INSTANTANEE**
[72] BEST, CHRISTOPHER, CA
[72] MACKENZIE, MICHAEL, CA
[71] KIK INTERACTIVE INC., CA
[22] 2015-10-01
[41] 2017-04-01

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[13] A1
[51] **Int.Cl. B27G 3/00 (2006.01)**
[25] EN
[54] **ROTARY LOG DEBARKER WITH TILTING SYSTEM**
[54] **ECORCEUSE DE GRUME ROTATIVE DOTEE D'UN MECANISME D'INCLINAISON**
[72] PERREAULT, RENE, CA
[71] LES ACIERS J.P. INC., CA
[22] 2015-09-30
[41] 2017-03-30

[21] 2,906,721
[13] A1
[51] **Int.Cl. E06B 9/266 (2006.01)**
[25] EN
[54] **METHOD AND FASTENING ELEMENT FOR INSTALLING A SUNSHADE TO A GLAZING PART**
[54] **METHODE ET ELEMENT DE FIXATION DESTINES A L'INSTALLATION D'UN PARE-SOLEIL SUR UNE PARTIE VITREE**
[72] HAAPALAHTI, TEUVO, FI
[72] HILLIAHO, ESA, FI
[72] LEHTONEN, MARKKU, FI
[72] SIMONSON, CHAD, FI
[72] PULKKINEN, MARKKU, FI
[71] SUOMEN VISOR OY, FI
[22] 2015-09-30
[41] 2017-03-30

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[13] A1
[51] **Int.Cl. B27M 3/00 (2006.01) E04B 1/26 (2006.01) E04B 2/70 (2006.01) E04C 3/14 (2006.01) E04C 3/36 (2006.01)**
[25] EN
[54] **COMPOSITE LOGS, METHOD OF ASSEMBLING A COMPOSITE LOG, A WALL OR A ROOF**
[54] **BILLOT EN COMPOSITE, METHODE D'ASSEMBLAGE D'UN BILLOT EN COMPOSITE, D'UNE PAROI OU D'UN TOIT**
[72] LESSARD, BENOIT, CA
[71] SOCIETE EN COMMANDITE BREVET TB, CA
[22] 2015-09-30
[41] 2017-03-30

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[13] A1
[51] **Int.Cl. H05B 37/00 (2006.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01) H02M 7/04 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **POWER CONVERTER FOR A LIGHT FIXTURE**
[54] **CONVERTISSEUR DE COURANT DESTINE A UN LUMINAIRE**
[72] GHASABI, AMIR, CA
[71] LUMINIZ INC., CA
[22] 2015-09-30
[41] 2017-03-30

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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SOCIAL MEDIA DRIVEN EVALUTATION OF A PRODUCT IDEA**
[54] **EVALUATION D'UNE IDEE DE PRODUIT ENTRAINEE PAR LES MEDIAS SOCIAUX**
[72] LEFEBVRE, SOPHIE, US
[72] ZEBERSKY, JUDD, US
[71] JAZWARES, LLC, US
[22] 2015-09-30
[41] 2017-03-30

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[13] A1
[51] **Int.Cl. B05B 13/06 (2006.01)**
[25] EN
[54] **COATING APPARATUS AND METHOD OF COATING JOINT**
[54] **APPAREIL DE REVETEMENT ET METHODE DE REVETEMENT D'UN JOINT**
[72] KIMPEL, RICK R., JR., US
[72] POWER, GUNNAR, US
[72] CARABALLO, WILFREDO, US
[72] KARASEK, BRYAN, US
[71] COMMERCIAL COATING SERVICES INTERNATIONAL, LLC, US
[22] 2015-10-06
[41] 2017-03-30
[30] US (14/871,798) 2015-09-30

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[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01) F02C 7/16 (2006.01)**
[25] EN
[54] **TURBINE ENGINE ADVANCED COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT EVOLUE DESTINE A UN MOTEUR DE TURBINE**
[72] CLEGG, JOSEPH, US
[72] ENGLISH, CRAIG, US
[72] KAPADIA, BEHRAM, US
[72] PESYNA, KENNETH M., US
[72] SWINDLE, JASON LEE, US
[72] RECTOR, JASON WAYNE, US
[72] VINCENT, CHRISTOPHER, US
[72] METZGER, NICHOLAS D., US
[72] EDWARDS, DANIELS G., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2016-04-15
[41] 2017-03-30
[30] US (14/871382) 2015-09-30

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[13] A1
[51] **Int.Cl. A01M 1/00 (2006.01) A01M 1/02 (2006.01) A01M 99/00 (2006.01)**
[25] EN
[54] **PINE BEETLE ERADICATOR**
[54] **ERADICATEUR DE DENDROCTONE DU PIN**
[72] SHARPE, DARRYL, CA
[71] SHARPE, DARRYL, CA
[22] 2016-04-12
[41] 2017-03-31

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SEED METERING SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **MECANISME DE DOSAGE DE SEMENCE ET METHODE D'UTILISATION ASSOCIEE**
[72] GARNER, ELIJAH B., US
[72] WOLFS, BETH A., US
[72] PEARSON, NATHANIEL, US
[71] DEERE & COMPANY, US
[22] 2016-04-20
[41] 2017-03-30
[30] US (14/871,515) 2015-09-30

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H02J 9/06 (2006.01) H05K 5/00 (2006.01) G08B 21/18 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **CABINET AND BATTERY MANAGEMENT AND MONITORING SYSTEM FOR USE WITH UNINTERRUPTIBLE POWER SUPPLIES**
[54] **ARMOIRE ET SYSTEME DE SURVEILLANCE ET GESTION DE BATTERIE DESTINE A DES SYSTEMES D'ALIMENTATION SANS COUPURE**
[72] GRAY, GARY LEE, US
[71] LIION, LLC, US
[22] 2016-05-17
[41] 2017-04-01
[30] US (14/872,917) 2015-10-01

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[13] A1
[51] **Int.Cl. F02K 1/78 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **TRAILING EDGE CORE COMPARTMENT VENT FOR AN AIRCRAFT ENGINE**
[54] **AERATION DE COMPARTIMENT PRINCIPAL DE BORD DE TRAINEE D'UN MOTEUR D'AERONEF**
[72] WILLIE, ROBERT H., US
[72] TRETOW, PAUL R., US
[72] CERRA, DAVID F., US
[71] THE BOEING COMPANY, US
[22] 2016-06-30
[41] 2017-03-30
[30] US (14/870,401) 2015-09-30

[21] **2,936,718**
[13] A1
[51] **Int.Cl. B29C 71/00 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING HEADERLESS PRODUCE BAGS WITH INCREASED ADHESION**
[54] **METHODE DE FABRICATION DE SACS DE PRODUITS ALIMENTAIRES SANS ENTETE A ADHESION ACCRUE**
[72] RABIEA, JEFFREY D., US
[71] NEW YORK PACKAGING II LLC, US
[22] 2016-07-21
[41] 2017-04-01
[30] US (14/872,871) 2015-10-01

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[13] A1
[51] **Int.Cl. F01D 11/14 (2006.01) F01D 11/16 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **SEAL ARRANGEMENT FOR COMPRESSOR OR TURBINE SECTION OF GAS TURBINE ENGINE**
[54] **AMENAGEMENT DE JOINT DESTINE A UN COMPRESSEUR OU A UNE SECTION DE TURBINE D'UNE TURBINE A GAZ**
[72] ANAND, KARAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-27
[41] 2017-03-29
[30] US (14/869,302) 2015-09-29

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[13] A1
[51] **Int.Cl. F02K 1/48 (2006.01) F01D 25/30 (2006.01) F02K 1/38 (2006.01) F02K 1/78 (2006.01)**
[25] EN
[54] **DEPLOYMENT MECHANISM FOR INFLATABLE SURFACE-INCREASING FEATURES FOR GAS TURBINE ENGINE**
[54] **MECANISME DE DEPLOIEMENT DE FONCTIONNALITES AUGMENTANT LA SURFACE GONFLABLE D'UNE TURBINE A GAZ**
[72] JOSHI, NINAD, CA
[72] MESLIOUI, SID-ALI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-27
[41] 2017-03-28
[30] US (14/867,939) 2015-09-28

[21] **2,938,560**
[13] A1
[51] **Int.Cl. E02F 3/96 (2006.01) E02F 3/76 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ATTACHING AND DETACHING A LOADER ATTACHMENT IMPLEMENT**
[54] **SYSTEME ET METHODE D'ATTACHEMENT ET DE DETACHEMENT D'UN ACCESSOIRE D'ATTACHEMENT D'UN CHARGEUR**
[72] ESQUEDA, DANIEL, MX
[71] DEERE & COMPANY, US
[22] 2016-08-11
[41] 2017-03-29
[30] US (62/234,607) 2015-09-29
[30] US (15/216,376) 2016-07-21

[21] **2,938,601**
[13] A1
[51] **Int.Cl. C04B 41/52 (2006.01) C04B 41/48 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BUILDING MATERIAL**
[54] **PROCEDE DE PRODUCTION DE MATERIAU DE CONSTRUCTION**
[72] TAGUCHI, HIROYUKI, JP
[72] MURASE, MIHO, JP
[71] NICHIHA CORPORATION, JP
[22] 2016-08-11
[41] 2017-03-30
[30] JP (JP2015-194155) 2015-09-30

[21] **2,939,289**
[13] A1
[51] **Int.Cl. F23R 3/32 (2006.01)**
[25] EN
[54] **SINGLE SKIN COMBUSTOR WITH HEAT TRANSFER ENHANCEMENT**
[54] **CHAMBRE DE COMBUSTION A PEAU SIMPLE A TRANSFERT THERMIQUE AMELIORE**
[72] HU, JOHN TIN CHEUNG, CA
[72] LAO, SI-MAN AMY, CA
[72] SREEKANTH, SRI, CA
[72] PAPPLE, MICHAEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-08-17
[41] 2017-03-28
[30] US (14/867,377) 2015-09-28

[21] **2,939,290**
[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01) F02C 3/14 (2006.01) F23R 3/42 (2006.01)**
[25] EN
[54] **SINGLE SKIN COMBUSTOR HEAT TRANSFER AUGMENTERS**
[54] **DISPOSITIFS D'AMELIORATION DU TRANSFERT THERMIQUE D'UNE CHAMBRE DE COMBUSTION A PEAU SIMPLE**
[72] LAO, SI-MAN AMY, CA
[72] SREEKANTH, SRI, CA
[72] PAPPLE, MICHAEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-08-17
[41] 2017-03-28
[30] US (14/867,424) 2015-09-28

[21] **2,940,008**
[13] A1
[51] **Int.Cl. A01B 73/02 (2006.01) A01C 7/08 (2006.01) A01C 15/00 (2006.01)**
[25] EN
[54] **ROTATIONAL FLUID JOINT FOR AGRICULTURAL MACHINE**
[54] **JOINT FLUIDE PIVOTANT DESTINE A UNE MACHINE AGRICOLE**
[72] GROVES, TYLER G., US
[72] QUINTANILLA, JUAN, MX
[72] NIEBLAS, ELIA MAYELA, MX
[72] SAID, MYRNA YADIRA, MX
[71] DEERE & COMPANY, US
[22] 2016-08-24
[41] 2017-03-28
[30] US (14/868,069) 2015-09-28

[21] **2,940,189**
[13] A1
[51] **Int.Cl. C05G 3/02 (2006.01) A01C 21/00 (2006.01) A01N 25/22 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) C05D 9/02 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **MICRONUTRIENT COMPOSITIONS AND SYSTEMS AND METHODS OF USING SAME**
[54] **COMPOSITIONS DE MICRONUTRIMENTS ET SYSTEMES ET METHODES D'UTILISATION ASSOCIES**
[72] BROWN, DANNY, US
[72] DRANGEID, JESSICA, US
[71] WINFIELD SOLUTIONS, LLC, US
[22] 2016-08-25
[41] 2017-03-29
[30] US (14/868,982) 2015-09-29

[21] **2,940,356**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF OBJECT IDENTIFICATION AND DATABASE CREATION**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION D'OBJET ET DE CREATION DE BASES DE DONNEES**
[72] JOHNSON, CHRISTOPHER S., US
[72] CLARK, JIMMIE, US
[72] PAYNE, MICHAEL, US
[71] WAL-MART STORES, INC., US
[22] 2016-08-29
[41] 2017-03-28
[30] US (62/233,738) 2015-09-28

[21] **2,940,386**
[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01)**
[25] EN
[54] **SUPPORT BRACKET FOR COMBINE HEADER**
[54] **MONTANT DE SUPPORT DESTINE A UNE MOISSONNEUSE-BATTEUSE**
[72] MOSSMAN, MICHAEL W., US
[71] DEERE & COMPANY, US
[22] 2016-08-29
[41] 2017-03-29
[30] US (14/869,601) 2015-09-29

[21] **2,940,387**
[13] A1
[51] **Int.Cl. A01D 41/12 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01) A01D 69/02 (2006.01) H02K 7/18 (2006.01) H02M 7/02 (2006.01) H05B 37/00 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER GENERATION FOR HEADER SYSTEMS FROM A COMBINE BACKSHAFT**
[54] **GENERATION D'ELECTRICITE DESTINEE A DES SYSTEMES D'ANDAINEUSE A PARTIR DE L'ARBRE ARRIERE D'UNE MOISSONNEUSE ANDAINEUSE**
[72] ENGEL, COLIN D., US
[71] DEERE & COMPANY, US
[22] 2016-08-29
[41] 2017-03-30
[30] US (14/870,720) 2015-09-30

[21] **2,940,388**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **AIR SEEDING CART AND MANIFOLD FOR SAME**
[54] **UN CHARIOT DE SEMENCE PNEUMATIQUE ET UN COLLECTEUR ASSOCIE**
[72] BORKGREN, STANLEY R., US
[72] SNIPES, TERRY L., US
[71] DEERE & COMPANY, US
[22] 2016-08-29
[41] 2017-03-30
[30] US (14/870,544) 2015-09-30

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[13] A1
[51] **Int.Cl. B60D 1/42 (2006.01) A01B 23/04 (2006.01) A01B 33/08 (2006.01)**
[25] EN
[54] **HITCH MODULE**
[54] **MODULE D'ATTELAGE**
[72] PAYNE, DAVID A., US
[72] BEECK, MARK D., US
[72] RUCKLE, JARROD, US
[71] DEERE & COMPANY, US
[22] 2016-08-29
[41] 2017-03-30
[30] US (14/870,630) 2015-09-30

[21] **2,940,499**
[13] A1
[51] **Int.Cl. H02P 29/024 (2016.01) H02P 27/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STARTING A VARIABLE FREQUENCY DRIVE WITH REDUCED ARC FLASH RISK**
[54] **SYSTEME ET METHODE DE DEMARRAGE D'ENTRAINEMENT A FREQUENCE VARIABLE A RISQUE D'ARC REDUIT**
[72] SIMMS, STAN REX, US
[72] GIBBS, IRVING ALBERT, US
[71] EATON CORPORATION, US
[22] 2016-08-26
[41] 2017-03-30
[30] US (14/870,269) 2015-09-30

[21] **2,940,706**
[13] A1
[51] **Int.Cl. F02K 1/46 (2006.01) F01D 25/30 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE EXHAUST MIXER WITH LOBES CROSS-OVER OFFSET**
[54] **MELANGEUR D'ECHAPPEMENT DE TURBINE A GAZ DOTE DE DECALAGE TRANSVERSAL DE LOBES**
[72] BISSON, FRANCOIS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-08-29
[41] 2017-03-29
[30] US (62/234,192) 2015-09-29

[21] **2,940,709**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01B 49/06 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01) A01C 7/16 (2006.01)**
[25] EN
[54] **SEED BOOT ASSEMBLY**
[54] **ASSEMBLAGE DE SABOT DE SEMENCE**
[72] GARNER, ELIJAH, B., US
[72] SAMUELSON, JERRY, US
[71] DEERE & COMPANY, US
[22] 2016-08-30
[41] 2017-04-01
[30] US (14/872,476) 2015-10-01

[21] **2,940,711**
[13] A1
[51] **Int.Cl. A01F 15/08 (2006.01)**
[25] EN
[54] **HYDRAULIC ALTERNATING SYSTEM FOR AGRICULTURAL BALER**
[54] **SYSTEME RECIPROQUE HYDRAULIQUE DESTINE A UNE ANDAINEUSE AGRICOLE**
[72] JONES, AUSTIN J., US
[72] ANSTEY, HENRY D., US
[71] DEERE & COMPANY, US
[22] 2016-08-30
[41] 2017-03-30
[30] US (62/235,456) 2015-09-30
[30] US (15/142,790) 2016-04-29

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[13] A1
[51] **Int.Cl. A01C 1/00 (2006.01) A01C 7/00 (2006.01) A01C 7/20 (2006.01) G01S 13/88 (2006.01) G01V 3/165 (2006.01) G01V 3/17 (2006.01) G01V 8/02 (2006.01)**
[25] EN
[54] **SOIL MOISTURE-BASED PLANTER DOWNFORCE CONTROL**
[54] **CONTROLE DE FORCE VERS LE BAS D'UNE PLANTEUSE FONDE SUR L'HUMIDITE DU SOL**
[72] LANDPHAIR, DONALD K., US
[72] FRASIER, MICHAEL E., US
[72] LIU, JAMES Z., US
[72] WALTER, JASON D., US
[72] GREEN, LAWRENCE D., US
[71] DEERE & COMPANY, US
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[30] US (14/871,476) 2015-09-30

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEEDING SYSTEM**
[54] **MECANISME DE SEMOIR**
[72] FRASIER, MICHAEL E., US
[72] MCCARTNEY, SCOTT C., US
[71] DEERE & COMPANY, US
[22] 2016-08-30
[41] 2017-03-30
[30] US (14/871,653) 2015-09-30

[21] **2,940,717**
[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DISTRIBUTING SEEDS AND AGRICULTURAL PARTICLES**
[54] **SYSTEME ET METHODE DE DISTRIBUTION DE SEMENCES ET DE PARTICULES AGRICOLES**
[72] SCHWEITZER, JOHN M., US
[72] NEDVED, PETER R., US
[71] DEERE & COMPANY, US
[22] 2016-08-30
[41] 2017-03-30
[30] US (14/871,633) 2015-09-30

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED DISPERSION UNIT**
[54] **MODULE DE DISPERSION DE SEMENCE**
[72] BORKGREN, STANLEY R., US
[71] DEERE & COMPANY, US
[22] 2016-08-30
[41] 2017-03-30
[30] US (14/871,686) 2015-09-30

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[51] **Int.Cl. E21B 43/10 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **SETTING TOOL WITH PRESSURE SHOCK ABSORBER**
[54] **OUTIL D'INSTALLATION DOTE D'UN AMORTISSEUR A PRESSION**
[72] BUDDE, MARCEL, NL
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2016-09-06
[41] 2017-03-28
[30] US (14/868,049) 2015-09-28

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[51] **Int.Cl. A61K 8/36 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING BLACKHEADS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES COMEDONS**
[72] BATCHVAROVA, NIKOLETA, US
[72] JOHNSON, DIANA, US
[72] SHAH, SNEHAL M., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2016-09-06
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[30] US (62/234,919) 2015-09-30

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[13] A1
[51] **Int.Cl. H05K 7/10 (2006.01) H05K 5/02 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **APPARATUS HAVING CONNECTION MODULE FOR USE WITH ELECTRICAL MODULE**
[54] **APPAREIL COMPORTANT UN MODULE DE CONNEXION DESTINE A UNE UTILISATION AVEC UN MODULE ELECTRIQUE**
[72] MONTAZERI, SHAHRAM, CA
[71] MONTAZERI, SHAHRAM, CA
[22] 2016-09-06
[41] 2017-03-28
[30] US (14/867,412) 2015-09-28

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[51] **Int.Cl. E04H 3/08 (2006.01) A01K 1/00 (2006.01) A61D 99/00 (2006.01) G06Q 90/00 (2006.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING OUTPATIENT SMALL ANIMAL VETERINARY MEDICAL CARE**
[54] **SYSTEME ET METHODE DE PRESTATION DE SOIN MEDICAL VETERINAIRE EN CONSULTATION EXTERNE POUR PETIT ANIMAL**
[72] GREER, MARTHINA LEE, US
[71] INNOVATIVE VETERINARY PRACTICES LLC, US
[22] 2016-09-06
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[30] US (14/872,396) 2015-10-01

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[13] A1
[51] **Int.Cl. B64C 23/06 (2006.01) B64C 9/00 (2006.01) B64C 21/02 (2006.01)**
[25] EN
[54] **VORTEX GENERATOR ARRANGEMENT, FLOW CONTROL SYSTEM AND METHOD FOR CONTROLLING A FLOW ON A RUDDER SURFACE**
[54] **DISPOSITION DE GENERATEUR DE COURANT TOURBILLONNAIRE, SYSTEME DE CONTROLE D'ECOULEMENT ET METHODE DE CONTROLE D'ECOULEMENT SUR UNE SURFACE D'UN GOUVERNAIL**
[72] STEFES, BRUNO, DE
[72] EILKEN, WOLFGANG, DE
[72] PAUL, ERICH, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2016-09-06
[41] 2017-04-01
[30] EP (15187918.6) 2015-10-01

[21] **2,941,184**
[13] A1
[51] **Int.Cl. B65G 15/60 (2006.01)**
[25] EN
[54] **CONVEYOR DEVICE AND METHOD OF ADJUSTING THE CONVEYOR DEVICE**
[54] **DISPOSITIF DE TRANSPORTEUR ET METHODE D'AJUSTEMENT DU DISPOSITIF DE TRANSPORTEUR**
[72] FUJIO, YOSHIHIKO, JP
[71] DAIFUKU CO., LTD., JP
[22] 2016-09-07
[41] 2017-03-30
[30] JP (2015-192371) 2015-09-30

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G04G 7/00 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **TIME SYNCHRONIZATION OF GAMING MACHINES**
[54] **SYNCHRONISATION TEMPORELLE DE MACHINES DE JEU**
[72] HIGGINS, KEVIN M., US
[72] NELSON, DWAYNE R., US
[72] LEMAY, STEVEN G., US
[72] PRICE, DERRICK, US
[71] IGT, US
[22] 2016-09-12
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[30] US (14/867,108) 2015-09-28

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[51] **Int.Cl. C03C 3/091 (2006.01) C03C 4/20 (2006.01) H01M 10/12 (2006.01)**
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[54] **BATTERY CONTAINING ACID RESISTANT NONWOVEN FIBER MAT WITH BIOSOLUBLE MICROFIBERS**
[54] **BATTERIE COMPORTANT UN TAPIS EN FIBRES NON TISSEES RESISTANT A L'ACIDE DOTE DE MICROFIBRES BIOSOLUBLES**
[72] GUO, ZHIHUA, US
[72] LEED, ELAM, US
[72] WEITH, LUKE S., US
[72] ASRAR, JAWED, US
[72] MILOAGA, DANA G., US
[71] JOHNS MANVILLE, US
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[30] US (14/870,586) 2015-09-30

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[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F02C 7/12 (2006.01) F23R 3/42 (2006.01)**
[25] EN
[54] **CMC ARTICLES HAVING SMALL COMPLEX FEATURES FOR ADVANCED FILM COOLING**
[54] **ARTICLES EN CMC DES CARACTERISTIQUES DE PETIT COMPLEXE DESTINES AU REFROIDISSEMENT DE PELLICULE EVOLUE**
[72] BUNKER, RONALD SCOTT, US
[72] FELDMANN, KEVIN ROBERT, US
[72] SMITH, DOUGLAS RAY, US
[72] GALLIER, KIRK D., US
[72] MARTYN, DANIEL SCOTT, US
[72] VUKOJA, RACHEL ANNE, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-03-30
[30] US (14/870,866) 2015-09-30

[21] **2,941,814**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/28 (2006.01) F02C 7/12 (2006.01) F23R 3/42 (2006.01)**
[25] EN
[54] **CMC ARTICLES HAVING SMALL COMPLEX FEATURES FOR ADVANCED FILM COOLING**
[54] **ARTICLES EN CMC DES CARACTERISTIQUES DE PETIT COMPLEXE DESTINES AU REFROIDISSEMENT DE PELLICULE EVOLUE**
[72] BUNKER, RONALD SCOTT, US
[72] FELDMANN, KEVIN ROBERT, US
[72] SMITH, DOUGLAS RAY, US
[72] GALLIER, KIRK D., US
[72] MARTYN, DANIEL SCOTT, US
[72] VUKOJA, RACHEL ANNE, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-03-30
[30] US (14/870,829) 2015-09-30

[21] **2,941,837**
[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **ADVANCED STATIONARY SEALING CONCEPTS FOR AXIAL RETENTION OF CERAMIC MATRIX COMPOSITE SHROUDS**
[54] **CONCEPTS D'ETANCHEISATION STATIONNAIRE AVANCES DESTINES A LA RETENUE AXIALE DE CHEMISES EN COMPOSITE A MATRICE CERAMIQUE**
[72] FITZPATRICK, DYLAN JAMES, US
[72] STAPLETON, DAVID SCOTT, US
[72] BALDIGA, JONATHAN DAVID, US
[72] TURA, CHRISTOPHER PAUL, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ELECTRONIC COUPON SYSTEM**
[54] **SYSTEME DE COUPON ELECTRONIQUE**
[72] WIND, ANTHONY G., III, US
[72] FINSTER, BRYAN DOUGLAS, US
[71] WAL-MART STORES, INC., US
[22] 2016-09-14
[41] 2017-03-28
[30] US (62/233,616) 2015-09-28

[21] **2,941,952**
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[51] **Int.Cl. E06B 9/324 (2006.01)**
[25] EN
[54] **CORD LOCK OF WINDOW COVERING**
[54] **BLOCAGE DE CORDON DESTINE A UNE PARURE DE FENETRE**
[72] CHANG, CHIH-YAO, TW
[71] NIEN MADE ENTERPRISE CO., LTD., CN
[22] 2016-09-15
[41] 2017-03-28
[30] CN (201520755679.5) 2015-09-28

[21] **2,942,273**
[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **PHARMACY DATABASE ACCESS METHODS AND SYSTEMS**
[54] **METHODES ET SYSTEMES D'ACCES A UNE BASE DE DONNEES DE PHARMACIE**
[72] SCHWARTZ, ANDREW JAY, US
[72] CONRAD, CAROLYN, US
[72] KWAUK, SABRINA, US
[71] SCHWARTZ, ANDREW JAY, US
[71] CONRAD, CAROLYN, US
[71] KWAUK, SABRINA, US
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[30] US (14/961,206) 2015-12-07

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[51] **Int.Cl. C10L 11/06 (2006.01)**
[25] EN
[54] **FLASHWICK FIRESTARTER**
[54] **ALLUMEUR DE MECHE FLASHWICK**
[72] HILGER, RICHARD L., US
[72] GEHL, MICHAEL J., US
[71] WHITE RABBIT LLC, US
[22] 2016-09-19
[41] 2017-03-30
[30] US (62/234,775) 2015-09-30
[30] US (15/268,094) 2016-09-16

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[51] **Int.Cl. B65D 25/40 (2006.01) B65D 88/74 (2006.01)**
[25] EN
[54] **SUCTION NOZZLE AND METHOD**
[54] **BUSE DE SUCCION ET METHODE**
[72] FOREST, MARTIN, CA
[71] FOREST, MARTIN, CA
[22] 2016-09-19
[41] 2017-03-26
[30] GB (1517072.3) 2015-09-26

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[51] **Int.Cl. G06F 21/31 (2013.01) G06Q 50/22 (2012.01) G06F 21/36 (2013.01) H04L 9/32 (2006.01)**
[25] EN
[54] **PHARMACY AUTHENTICATION METHODS AND SYSTEMS**
[54] **METHODES ET SYSTEMES D'AUTHENTIFICATION DE PHARMACIE**
[72] KUKREJA, VIJAY L., US
[71] KUKREJA, VIJAY L., US
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[41] 2017-03-30
[30] US (14/870,976) 2015-09-30

[21] **2,942,760**
[13] A1
[51] **Int.Cl. A47G 9/00 (2006.01) A47G 9/02 (2006.01)**
[25] EN
[54] **A QUILT THAT CAN BE PURCHASED IN TWO SEPARATE PARTS AND JOINED TOGETHER**
[54] **UNE COURTEPOINTE QUI PEUT ETRE ACHETEE EN DEUX PARTIES SEPAREES PUIS JOINTES**
[72] CAREY, KEVIN J., AU
[71] CAREY, KEVIN J., AU
[22] 2016-09-22
[41] 2017-04-01
[30] AU (2015101431) 2015-10-01

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[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01)**
[25] EN
[54] **AIRCRAFT PASSENGER SERVICE UNIT MOUNTING KIT**
[54] **TROUSSE D'INSTALLATION DE MODULE DE SERVICE DESTINE AUX PASSAGERS D'UN AERONEF**
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[72] JHA, ANIL KUMAR, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
[22] 2016-09-21
[41] 2017-03-28
[30] EP (15 187 193.6) 2015-09-28

[21] **2,942,803**
[13] A1
[51] **Int.Cl. H01P 5/12 (2006.01) H01P 1/202 (2006.01) H01P 1/207 (2006.01)**
[25] EN
[54] **COAXIAL DIPLEXER AND SIGNAL COUPLING DEVICE**
[54] **DUPLEXEUR COAXIAL ET DISPOSITIF DE COUPLAGE DE SIGNAL**
[72] SCHNEIDER, MICHAEL, DE
[72] SZYMKIEWICZ, MICHAEL, DE
[71] AIRBUS DS GMBH, DE
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[41] 2017-03-30
[30] DE (102015218877.9) 2015-09-30

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 17/30 (2006.01) G06Q 30/00 (2012.01) G09F 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR USING LABEL DATA TO ASSIST IN PERFORMING A RETAIL STORE FUNCTION**
[54] **METHODE ET APPAREIL DESTINES AUX DONNEES D'ETIQUETTE SERVANT A AIDER A L'EXECUTION D'UNE FONCTION DE MAGASIN DE DETAIL**
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW A., US
[72] TAYLOR, ROBERT J., US
[71] WAL-MART STORES, INC., US
[22] 2016-09-22
[41] 2017-03-30
[30] US (62/234,901) 2015-09-30

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[13] A1
[51] **Int.Cl. F16F 9/32 (2006.01) F16F 9/10 (2006.01)**
[25] EN
[54] **ASSEMBLY, BRIDGING TOOL FOR AN ASSEMBLY AND METHOD OF FORMING AN ASSEMBLY**
[54] **ASSEMBLAGE, OUTIL DE PONTAGE DESTINE A L'ASSEMBLAGE ET METHODE DE FORMAGE D'UN ASSEMBLAGE**
[72] KENDRICK, DANIEL, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2016-09-21
[41] 2017-03-28
[30] EP (15187104.3) 2015-09-28

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[13] A1
[51] **Int.Cl. B61D 7/30 (2006.01) B61L 25/02 (2006.01) E01B 27/02 (2006.01)**
[25] EN
[54] **AUTONOMOUS BALLAST DELIVERY CONSIST**
[54] **CONSTRUCTION DE DISTRIBUTION DE BALLAST AUTONOME**
[72] LANDES, NATHAN A., US
[71] HERZOG RAILROAD SERVICES, INC., US
[22] 2016-09-23
[41] 2017-04-01
[30] US (62/235,859) 2015-10-01
[30] US (15/270,912) 2016-09-20

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[13] A1
[51] **Int.Cl. F01K 13/02 (2006.01) F01K 13/00 (2006.01) F01K 23/00 (2006.01)**
[25] EN
[54] **FEEDFORWARD CONTROL WITH INTERMITTENT RE-INITIALIZATION BASED ON ESTIMATED STATE INFORMATION**
[54] **CONTROLE D'ALIMENTATION AVANT DOTE DE REINITIALISATION INTERMITTENTE FONDEE SUR L'INFORMATION D'ETAT ESTIME**
[72] CHENG, XU, US
[72] KEPHART, RICHARD W., US
[72] SCHILLING, STEVEN J., US
[71] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[22] 2016-09-22
[41] 2017-03-29
[30] US (14/868,650) 2015-09-29

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[13] A1
[51] **Int.Cl. A01K 91/02 (2006.01)**
[25] EN
[54] **FISHING LINE CASTING DEVICE**
[54] **APPAREIL DE LANCER DE LIGNE DE PECHE**
[72] ESSAFI, HAMID, CA
[71] ESSAFI, HAMID, CA
[22] 2016-09-23
[41] 2017-03-26
[30] GB (1517075.6) 2015-09-26

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[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01) A61C 7/08 (2006.01)**
[25] EN
[54] **CUSPID AND FIRST BI-CUSPID BITE RETAINER FOR SLEEP APNEA**
[54] **APPAREIL EMPECHANT LA FERMETURE DES CANINES ET DES PREMOLAIRES DESTINE A EVITER L'APNEE DU SOMMEIL**
[72] LUCO, KENNETH, CA
[71] LUCO, KENNETH, CA
[22] 2016-09-27
[41] 2017-03-27
[30] US (14866964) 2015-09-27

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[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 20/20 (2012.01)**
[25] EN
[54] **LOCATION BASED REGISTER RULES**
[54] **REGLES D'INSCRIPTION FONDEES SUR L'EMPLACEMENT**
[72] CHAKROBARTTY, SHUVRO, US
[72] SHERRILL, TED, US
[72] DANDA, GOPI KISHORE, US
[72] MICHAELSAMY, BRITTO, US
[72] RAJENDRAN, PRASANNA, US
[72] HUMPHREY, JOHN MICHAEL, US
[71] WAL-MART STORES, INC., US
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[41] 2017-03-28
[30] US (62/233,653) 2015-09-28

[21] **2,943,257**
[13] A1
[51] **Int.Cl. E21B 43/08 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **SAND CONTROL SCREEN**
[54] **FILTRE DE CONTROLE DU SABLE**
[72] MCNAMEE, STEPHEN, US
[72] SLADIC, JOHN STEVEN, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2016-09-27
[41] 2017-03-29
[30] US (62/234,530) 2015-09-29

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[13] A1
[51] **Int.Cl. B65D 33/16 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **RE-CLOSABLE, TAMPER-RESISTANT, STAND-UP PACKAGE**
[54] **EMBALLAGE VERTICAL, INVIOLABLE ET REFERMABLE**
[72] CONRAD, RACHEL P., US
[71] SEALSTRIP CORPORATION, US
[22] 2016-09-27
[41] 2017-03-27
[30] US (14/866,982) 2015-09-27

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[13] A1
[51] **Int.Cl. C08K 5/12 (2006.01) C08J 3/18 (2006.01)**
[25] EN
[54] **TRIPENTYL ESTERS OF TRIMELLITIC ACID**
[54] **ESTERS TRIPENTYL D'ACIDE TRIMELLITIQUE**
[72] WOLDT, BENJAMIN, DE
[72] GRASS, MICHAEL, DE
[72] BOECK, FLORIAN, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2016-09-26
[41] 2017-03-28
[30] EP (15 187 128.2) 2015-09-28

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[13] A1
[51] **Int.Cl. H01H 71/08 (2006.01) H01H 73/20 (2006.01)**
[25] EN
[54] **PRONG-LESS NEUTRAL CONNECTOR ASSEMBLIES, CIRCUIT BREAKERS INCLUDING PRONG-LESS NEUTRAL CONNECTOR, PANEL BOARDS WITH FLEXIBLE NEUTRAL BARS, AND NEUTRAL CONNECTION METHODS**
[54] **ASSEMBLAGES DE CONNECTEUR NEUTRE SANS BROCHE, DISJONCTEURS COMPORTANT LE CONNECTEUR NEUTRE SANS BROCHE, PANNEAUX DOTES DE BARRES NEUTRES FLEXIBLES ET METHODE DE CONNEXION DU NEUTRE**
[72] TITUS, SOLOMON R., US
[71] SIEMENS INDUSTRY, INC., US
[22] 2016-09-28
[41] 2017-03-30
[30] US (14/870,188) 2015-09-30

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[13] A1
[51] **Int.Cl. A61K 47/20 (2006.01) A61K 9/19 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **LOW VISCOSITY ANTIBODY COMPOSITIONS**
[54] **COMPOSITIONS D'ANTICORPS A FAIBLE VISCOSITE**
[72] WALTERS, ROBERT HENRY, US
[71] PFIZER INC., US
[22] 2016-09-28
[41] 2017-04-01
[30] US (62/235,638) 2015-10-01
[30] US (62/324,482) 2016-04-19

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 20/06 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **ELECTRONIC VOUCHER TICKET SYSTEM**
[54] **SYSTEME DE BON D'ECHANGE ELECTRONIQUE**
[72] TSUTSUI, YUICHIRO, JP
[71] JCM AMERICAN CORPORATION, US
[22] 2016-09-28
[41] 2017-03-29
[30] US (14/869,471) 2015-09-29

[21] **2,943,470**
[13] A1
[51] **Int.Cl. G07D 7/004 (2016.01) G07F 17/32 (2006.01) G07F 19/00 (2006.01)**
[25] EN
[54] **ELECTRONIC VOUCHER TICKET SYSTEM**
[54] **SYSTEME DE BON D'ECHANGE ELECTRONIQUE**
[72] TSUTSUI, YUICHIRO, JP
[71] JCM AMERICAN CORPORATION, US
[22] 2016-09-28
[41] 2017-03-29
[30] US (14/869,788) 2015-09-29

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[13] A1
[51] **Int.Cl. G07F 19/00 (2006.01) G06Q 20/06 (2012.01) G07F 17/32 (2006.01)**
[25] EN
[54] **ELECTRONIC VOUCHER TICKET SYSTEM**
[54] **SYSTEME DE BON D'ECHANGE ELECTRONIQUE**
[72] TSUTSUI, YUICHIRO, JP
[71] JCM AMERICAN CORPORATION, US
[22] 2016-09-28
[41] 2017-03-29
[30] US (14/869,898) 2015-09-29

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[13] A1
[51] **Int.Cl. G01F 23/28 (2006.01) G01F 23/292 (2006.01) B61C 17/00 (2006.01)**
[25] EN
[54] **LIQUID LEVEL SENSING DEVICE**
[54] **DISPOSITIF DE DETECTION DE NIVEAU DE LIQUIDE**
[72] BAKER, DAVID, US
[71] LAT-LON LLC, US
[22] 2016-09-28
[41] 2017-03-30
[30] US (14/870,974) 2015-09-30

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[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01) B62D 33/00 (2006.01)**
[25] EN
[54] **INSULATED TRANSPORTATION TRAILER**
[54] **REMORQUE DE TRANSPORT ISOLEE**
[72] CANNON, JOHN, US
[72] HITCHCOCK, THOMAS, US
[71] WABASH NATIONAL, L.P., US
[22] 2016-09-28
[41] 2017-04-01
[30] US (62/235,620) 2015-10-01

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[13] A1
[51] **Int.Cl. B66D 1/60 (2006.01) F16L 1/028 (2006.01) F16L 55/30 (2006.01)**
[25] EN
[54] **CABLE PULLER AND METHOD**
[54] **TIRE-CABLE ET METHODE**
[72] TJADER, MICHAEL, US
[71] T T TECHNOLOGIES, INC., US
[22] 2016-09-27
[41] 2017-03-28
[30] US (62/233,875) 2015-09-28
[30] US (15/273,294) 2016-09-22

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[13] A1
[51] **Int.Cl. F21L 19/00 (2006.01) F21V 21/06 (2006.01)**
[25] EN
[54] **LANTERN ASSEMBLY AND AUXILIARY BASE**
[54] **ASSEMBLAGE DE LANTERNE ET BASE AUXILIAIRE**
[72] PRINCE, GERRY D., CA
[71] PRINCE, GERRY D., CA
[22] 2016-09-29
[41] 2017-03-29
[30] US (62234055) 2015-09-29

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[51] **Int.Cl. H02J 9/02 (2006.01) F21K 9/00 (2016.01) B64D 47/02 (2006.01) F21K 2/00 (2006.01) F21V 23/00 (2015.01) G09F 13/20 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **HYBRID EMERGENCY LIGHTING SYSTEM**
[54] **SYSTEME HYBRIDE D'ECLAIRAGE D'URGENCE**
[72] OLTHETEN, ERIK JOHN, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2016-09-27
[41] 2017-03-30
[30] US (14/870,930) 2015-09-30
[30] US (14/870,796) 2015-09-30

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[51] **Int.Cl. H02J 9/02 (2006.01) F21K 9/00 (2016.01) B64D 47/02 (2006.01) F21V 23/00 (2015.01) F21V 23/04 (2006.01) G09F 13/20 (2006.01) H02J 15/00 (2006.01) F21K 2/00 (2006.01)**
[25] EN
[54] **SUPER CAPACITOR BASED EMERGENCY LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE D'URGENCE FONDE SUR UN SUPER CONDENSATEUR**
[72] OLTHETEN, ERIK JOHN, US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2016-09-27
[41] 2017-03-30
[30] US (14/870,796) 2015-09-30
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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61B 5/091 (2006.01)**
[25] EN
[54] **AEROCHAMBER FOR INHALATION OF MEDICINAL AEROSOL PRODUCTS AND PHARMACEUTICAL SOLUTIONS FOR THE TREATMENT OF RESPIRATORY DISEASES**
[54] **AEROCHAMBRE D'INHALATION DE PRODUITS MEDICINAUX ET DE SOLUTIONS PHARMACEUTIQUES EN AEROSOL DESTINEE AU TRAITEMENT DE MALADIES RESPIRATOIRES**
[72] ROSENFELD, JUILIAN ESTEBAN, AR
[72] CASSARA, JORGE ALBERTO, AR
[71] AEROMEDICAL S.A., AR
[71] LABORATORIO PABLO CASSARA S.R.L., AR
[22] 2016-09-27
[41] 2017-03-30
[30] AR (M20150103159) 2015-09-30

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[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **SCREEN PANEL LOCKING SYSTEM**
[54] **MECANISME DE VERROUILLAGE DE PANNEAU-ECRAN**
[72] WOODGATE, RAYMOND MAXWELL, AU
[72] WOODGATE, MARC RAYMOND, AU
[71] LETTELA PTY LIMITED, AU
[22] 2016-09-28
[41] 2017-03-28
[30] AU (2015903944) 2015-09-28

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[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **FALL ARRESTER**
[54] **DISPOSITIF D'ARRET DE CHUTE**
[72] RULLO, JAMES J., US
[72] TRUESDELL, KEVIN W., US
[71] BUCKINGHAM MANUFACTURING COMPANY, INC., US
[22] 2016-09-29
[41] 2017-03-29
[30] US (62/234,330) 2015-09-29

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[51] **Int.Cl. F01M 1/16 (2006.01) F01M 1/02 (2006.01) F01M 1/18 (2006.01) F01P 5/12 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE**
[54] **APPAREIL DE CONTROLE DE MOTEUR A COMBUSTION INTERNE**
[72] MORITA, YUSUKE, JP
[72] KOYAMA, TAKASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-09-29
[41] 2017-03-30
[30] JP (2015-192471) 2015-09-30

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[13] A1
[51] **Int.Cl. B60D 1/02 (2006.01)**
[25] EN
[54] **MECHANICAL CONNECTING LINK FOR TOW STRAPS AND PINTLE HITCHES**
[54] **LIEN DE RACCORDEMENT MECANIQUE DESTINE A DES SANGLES DE REMORQUAGE ET DES ATTELAGES A CROCHET**
[72] FINCHER, CHARLES KENNITH, US
[71] FINCHER, CHARLES KENNITH, US
[22] 2016-09-28
[41] 2017-03-28
[30] US (14/867,142) 2015-09-28

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[51] **Int.Cl. D04H 3/004 (2012.01) D04H 3/12 (2006.01)**
[25] EN
[54] **FIBERGLASS INSULATION PRODUCT**
[54] **PRODUIT D'ISOLATION EN FIBRE DE VERRE**
[72] HERREMAN, KEVIN, US
[72] ALTER, HARRY, US
[72] GRANT, LARRY, US
[72] CUADRADO, JAVIER, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2016-09-29
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[51] **Int.Cl. F24F 13/15 (2006.01) F24F 13/10 (2006.01)**
[25] EN
[54] **AIRFOIL DAMPER**
[54] **ATTENUATEUR DE PROFIL AERODYNAMIQUE**
[72] CERMAK, JAN, US
[72] DOTSON, DARRELL, US
[71] ACME ENGINEERING AND MANUFACTURING CORP., US
[22] 2016-09-29
[41] 2017-04-01
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[51] **Int.Cl. B62K 5/08 (2006.01) B62K 5/05 (2013.01) B62K 21/00 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] OHNO, KOHSUKE, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[41] 2017-03-30
[30] JP (2015-194211) 2015-09-30

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[51] **Int.Cl. A47L 9/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] FORDING, JAY, US
[72] GONZALEZ, EDUARDO, US
[72] MCDERMOTT, MICHAEL, US
[72] REYNOLDS, CLAUDE E., JR., US
[72] TOWNSEND, JAMES, US
[72] DEVINE, TREVOR N., US
[72] GERSTEIN, STEVEN P., US
[72] FRY, KEVIN D., US
[71] LOWE'S COMPANIES, INC., US
[22] 2016-09-30
[41] 2017-03-30
[30] US (14/870,851) 2015-09-30

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[13] A1
[51] **Int.Cl. E21C 35/18 (2006.01) E01C 23/12 (2006.01)**
[25] EN
[54] **REVERSE TAPER SHANKS AND COMPLEMENTARY BASE BLOCK BORES FOR BIT ASSEMBLIES**
[54] **TIGES CONIQUES INVERSEES ET TROUS DE BLOC DE BASE COMPLEMENTAIRES DESTINES AUX ENSEMBLES DE FORETS**
[72] SOLLAMI, PHILLIP, US
[71] SOLLAMI, PHILLIP, US
[22] 2016-09-29
[41] 2017-03-30
[30] US (62/234,749) 2015-09-30
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[51] **Int.Cl. B60G 21/05 (2006.01) B62K 5/027 (2013.01) B60G 21/055 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] OHNO, KOHSUKE, JP
[72] TAKANO, KAZUHISA, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2016-09-30
[41] 2017-03-30
[30] JP (2015-194212) 2015-09-30
[30] JP (2016-125511) 2016-06-24

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[51] **Int.Cl. B62D 9/02 (2006.01) B60G 15/00 (2006.01) B60G 21/05 (2006.01) B62K 11/00 (2013.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] TAKANO, KAZUHISA, JP
[72] TERADA, KEISUKE, JP
[72] HIRAKAWA, NOBUHIKO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[13] A1
[51] **Int.Cl. B62K 5/08 (2006.01) B62K 5/05 (2013.01) B62K 21/00 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] OHNO, KOHSUKE, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2016-09-30
[41] 2017-03-30
[30] JP (2015-194216) 2015-09-30

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[13] A1
[51] **Int.Cl. F25B 6/00 (2006.01) F25B 1/10 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **PARALLEL COMPRESSION IN LNG PLANTS USING A POSITIVE DISPLACEMENT COMPRESSOR**
[54] **COMPRESSION PARALLELE DANS LES USINES DE GNL AU MOYEN D'UN COMPRESSEUR A DEPLACEMENT POSITIF**
[72] WEHRMAN, JOSEPH GERARD, US
[72] KRISHNAMURTHY, GOWRI, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-09-30
[41] 2017-03-30
[30] US (14/870,557) 2015-09-30

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[51] **Int.Cl. B62K 11/02 (2006.01) B62K 11/00 (2013.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] HIRAKAWA, NOBUHIKO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[41] 2017-03-30
[30] JP (2015-194209) 2015-09-30

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[51] **Int.Cl. B62D 21/00 (2006.01) B60G 99/00 (2010.01) B60R 19/00 (2006.01) B62D 21/18 (2006.01) B62K 11/00 (2013.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] OHNO, KOHSUKE, JP
[72] SUZUKI, TAKAHIRO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2016-09-30
[41] 2017-03-30
[30] JP (2015-194210) 2015-09-30

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[13] A1
[51] **Int.Cl. B60G 5/00 (2006.01) B60G 17/00 (2006.01) B60G 21/05 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] OHNO, KOHSUKE, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2016-09-30
[41] 2017-03-30
[30] JP (2015-194217) 2015-09-30

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[13] A1
[51] **Int.Cl. B62K 25/08 (2006.01) B62K 5/027 (2013.01) B62K 5/05 (2013.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] HIRAKAWA, NOBUHIKO, JP
[72] TAKANO, KAZUHISA, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[41] 2017-03-30
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[51] **Int.Cl. B62K 25/08 (2006.01) B62K 5/027 (2013.01) B62K 5/05 (2013.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] YOSHIKUNI, HIROYUKI, JP
[72] OHNO, KOHSUKE, JP
[72] HIRAKAWA, NOBUHIKO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2016-09-30
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[13] A1
[51] **Int.Cl. G05B 19/406 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATED CONTROL OF A MACHINE COMPONENT**
[54] **METHODE DE CONTROLE AUTOMATISE D'UNE COMPOSANTE DE MACHINE**
[72] KAUFLEITNER, FRANZ, AT
[72] VESELIC, MIODRAG, AT
[72] BURGSTALLER, WALTER, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2016-09-30
[41] 2017-04-01
[30] AT (A50835/2015) 2015-10-01

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD FOR DATA COMMUNICATION WITH REDUCED OVERHEAD IN A REAL-TIME CAPABLE ETHERNET DATA NETWORK**
[54] **METHODE DE COMMUNICATION DE DONNEES A FRAIS INDIRECTS REDUITS DANS UN RESEAU DE DONNEES ETHERNET FONCTIONNEL EN TEMPS REEL**
[72] BRUCKNER, DIETMAR, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2016-09-30
[41] 2017-04-01
[30] AT (A50833/2015) 2015-10-01

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[13] A1
[51] **Int.Cl. H04L 29/10 (2006.01) H04L 7/00 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **METHOD FOR ASYNCHRONOUS DATA COMMUNICATION IN A REAL-TIME CAPABLE ETHERNET DATA NETWORK**
[54] **METHODE DE COMMUNICATION DE DONNEES ASYNCHRONES DANS UN RESEAU DE DONNEES ETHERNET FONCTIONNEL EN TEMPS REEL**
[72] BRUCKNER, DIETMAR, AT
[72] PRENNINGER, FRANZ, AT
[72] AVRAMOV, BERNADETTE, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2016-09-30
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[30] AT (A50832/2015) 2015-10-01

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD FOR ISOCHRONOUS DATA COMMUNICATION IN A REALTIME ETHERNET DATA NETWORK**
[54] **METHODE DE COMMUNICATION DE DONNEES ISOCHRONES DANS UN RESEAU DE DONNEES ETHERNET FONCTIONNEL EN TEMPS REEL**
[72] BRUCKNER, DIETMAR, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[41] 2017-04-01
[30] AT (A50830/2015) 2015-10-01

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[13] A1
[51] **Int.Cl. H04L 29/14 (2006.01) H04L 12/751 (2013.01) H04L 12/423 (2006.01)**
[25] EN
[54] **METHOD FOR CROSS-TRAFFICKING BETWEEN TWO SLAVES OF AN ANNULAR DATA NETWORK**
[54] **METHODE DE CROISEMENT DU TRAFIC ENTRE DEUX ESCLAVES D'UN RESEAU DE DONNEES ANNULAIRE**
[72] BRUCKNER, DIETMAR, AT
[72] PRENNINGER, FRANZ, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2016-09-30
[41] 2017-04-01
[30] AT (A50831/2015) 2015-10-01

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD FOR DATA COMMUNICATION WITH REDUCED OVERHEAD IN A REAL-TIME CAPABLE ETHERNET DATA NETWORK**
[54] **METHODE DE COMMUNICATION DE DONNEES A FRAIS INDIRECTS REDUITS DANS UN RESEAU DE DONNEES ETHERNET FONCTIONNEL EN TEMPS REEL**
[72] BRUCKNER, DIETMAR, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[41] 2017-04-01
[30] AT (A50834/2015) 2015-10-01

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[13] A1
[51] **Int.Cl. A01G 23/08 (2006.01) G01B 5/08 (2006.01) G01C 21/00 (2006.01) G01G 19/08 (2006.01)**
[25] EN
[54] **CUT TREE INFORMATION SYSTEM**
[54] **SYSTEME D'INFORMATION SUR LES ARBRES ABATTUS**
[72] NEUMANN, BRYON P., CA
[71] DEERE & COMPANY, US
[22] 2016-09-30
[41] 2017-03-30
[30] US (62/235,448) 2015-09-30

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[13] A1
[51] **Int.Cl. A01G 23/08 (2006.01)**
[25] EN
[54] **FELLED TREE LEAN CONTROL SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE CONTROLE SIMPLE D'ARBRES ABATTUS**
[72] NEUMANN, BRYON P., CA
[71] DEERE & COMPANY, US
[22] 2016-09-30
[41] 2017-03-30
[30] US (62/235,492) 2015-09-30

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[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) B65F 1/00 (2006.01)**
[25] EN
[54] **MODULAR WASTE CONTAINERS**
[54] **CONTENANTS A DECHETS MODULAIRES**
[72] BUSCH, CRAIG, CA
[71] BUSCH SYSTEMS INTERNATIONAL INC., CA
[22] 2016-09-30
[41] 2017-03-30
[30] US (62/235,095) 2015-09-30

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[13] A1
[51] **Int.Cl. B65G 67/08 (2006.01) B60P 1/36 (2006.01) B65G 67/02 (2006.01)**
[25] EN
[54] **TRAILER CONVEYOR SYSTEM**
[54] **SYSTEME DE COURROIE DE TRANSPORT DE REMORQUE**
[72] BAKER, LEONARD W., US
[72] BROWN, JAMES, US
[71] WABASH NATIONAL, L.P., US
[22] 2016-09-30
[41] 2017-03-30
[30] US (62/234,959) 2015-09-30

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[13] A1
[51] **Int.Cl. A01G 23/081 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **STABILITY WARNING AND CONTROL INTERVENTION SYSTEM FOR A FORESTRY VEHICLE**
[54] **SYSTEME D'ALERTE DE STABILITE ET D'INTERVENTION DE CONTROLE DESTINE A UN VEHICULE FORESTIER**
[72] LAWLER, RICHARD J., US
[72] NEUMANN, BRYON P., CA
[71] DEERE & COMPANY, US
[22] 2016-09-30
[41] 2017-03-30
[30] US (62/235,489) 2015-09-30

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[13] A1
[51] **Int.Cl. B62K 25/08 (2006.01) B62K 5/027 (2013.01) B62K 5/05 (2013.01)**
[25] EN
[54] **VEHICLE**
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[72] HIRAKAWA, NOBUHIKO, JP
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[72] TRIFUNOVIC, SLOBODAN, US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **SYSTEME ET METHODE DE DISTRIBUTION DE NOTIFICATIONS INTELLIGENTES DE PROBLEMES DE SYSTEME AU MOYEN DE LA LOCALISATION**
[72] JANARDHANAN, SHAIJU, US
[72] PV, HEMANTH, US
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[54] **SYSTEME D'AFFICHAGE MODULAIRE DOTE D'UN PLAN ARRIERE SANS FIL ET METHODES ASSOCIEES**
[72] STOYER, DOUGLAS EARL, US
[72] HANSEN, TERRY LEE, US
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[54] **APPAREIL ET METHODE SERVANT A DEPLACER UN RECIPIENT SOUS PRESSION ENTRE DES POSITIONS HORIZONTALES ET VERTICALES**
[72] NAGGE, RORY, CA
[71] DYNACORP FABRICATORS INC., CA
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[54] **CONTROLE DE PLUSIEURS GROUPES DE DEL**
[72] SUTTLES, BENJAMIN MARSHALL, US
[72] WEISS, DANIEL AARON, US
[72] MARQUES, ANTONIO, US
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[54] **TRANSPORTEUR DESTINE A UN VEHICULE A DEUX ROUES**
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[71] PHILLIPS, CAL M., US
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[54] **ELECTRODES EN POLYFLAVINES D'INSPIRATION BIOLOGIQUE DESTINEES AUX APPAREILS DE STOCKAGE D'ENERGIE**
[72] SEFEROS, DWIGHT, CA
[72] SCHON, TYLER BRIAN, CA
[72] BRIDGES, COLIN RICHARD, US
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[72] ISHIKAWA, YUUKI, JP
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[54] **METHODE DE PROPULSION D'UN NAVIRE ET DISPOSITIF DE PROPULSION D'UN NAVIRE**
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[72] HATAMOTO, TAKURO, JP
[72] KODERA, MASANORI, JP
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[54] **MATIERE DE SUPPLEMENT DESTINEE A L'ALIMENTATION D'ANIMAUX DOMESTIQUES**
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[71] EVONIK DEGUSSA GMBH, DE
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[54] **DISPOSITIF DE SUPPORT BLOQUE PAR UNE BOUCLE A AUTO-REINITIALISATION, DOUBLE PLAQUE, TOUT ACIER, ET METHODE**
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[72] XIE, WEI, CN
[72] BAI, JIANBIAO, CN
[72] CHANG, HONGFEI, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[72] HASSEN, CHARLES NATHAN, US
[72] MENSAH, MICHAEL, US
[72] RIVAS, LOGAN, US
[72] SNYDER, DUWAYNE DENNIS, US
[72] STUMPE, KENNETH EUGENE, US
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[54] **CRISTAUX MULTI-COMPOSANTS DE DASATINIB AVEC DU MENTHOL OU DE LA VANILLINE**
[72] VIERTELHAUS, MARTIN, DE
[72] CHIODO, TIZIANA, DE
[72] SALVADOR, BEATE, DE
[72] VOSSEN, MARCUS, DE
[72] HAFNER, ANDREAS, CH
[72] HINTERMANN, TOBIAS, CH
[72] SZELAGIEWICZ, MARTIN, CH
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[54] **PROCEDE DE FABRICATION D'UN STICK COMPRENANT UN ANTI-TRANSPIRANT**
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[72] DIHORA, JITEN ODHAVJI, US
[72] WITT, STEVEN EDWARD, US
[72] HENLEY, ERIC SHANE, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **POLYTHERAPIE**
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[72] SHAH, GAURAV D., US
[71] IMCLONE LLC, US
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[71] IMCLONE LLC, US
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[54] **PROCEDE DE DESAROMATISATION DE COUPES PETROLIERES**
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[72] CHASSARD, ORIANNE, FR
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[72] TEASDALE, IAN, AT
[72] WILFERT, SANDRA, DE
[72] AIGNER, TAMARA, AT
[72] ITURMENDI, AIZTIBER, AT
[72] BRUEGGEMANN, OLIVER, AT
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[72] HILDNER, FLORIAN, AT
[72] RIGAU DE LLOBET, MARIA, AT
[71] UNIVERSITAET LINZ, AT
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[54] **DISPOSITIFS ET KITS DE PRODUCTION DE COMPOSITIONS LAIT HUMAIN CONCENTRE PERSONNALISE, ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
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[71] NESTEC S.A., CH
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[72] DECOR, ANNE, DE
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[72] SCHWARZ, HANS-GEORG, DE
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[54] **3,4-DIHYDROPYRIDO[2,3-B]PYRAZINONES INHIBITRICES DE PROTEINE BET, A GROUPE ETHER OU AMINO AROMATIQUE META-SUBSTITUE**
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[72] HAENDLER, BERNARD, DE
[72] STOCKIGT, DETLEF, DE
[72] BISSELL, RICHARD ALEXANDER, GB
[72] BOUGLAS, RICHARD ALEXANDER, GB
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[54] **PROCEDE DE PRODUCTION D'ESTER D'ACIDE 2-HALOGENOACRYLIQUE**
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[72] SCHERWITZKI, ANDREAS, DE
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[54] **PROCEDE POUR DETERMINER SI LA RECONSTITUTION D'UNE SOLUTION DANS UN RECIPIENT EST TERMINEE**
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[72] RIETMANN, RENE, CH
[72] STEINER, ROGER, CH
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[71] F.HOFFMANN-LA ROCHE AG, CH
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[54] **DISPOSITIF ET PROCEDE DE DETECTION D'UN ECHANTILLON CONTENU DANS UN PUITS D'ECHANTILLON**
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[71] WALLAC OY, FI
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[54] **SELS CRISTALLINS DE (S)-6-((1-ACETYLPIPERIDIN-4-YL)AMINO)-N-(3-(3,4-DIHYDROISOQUINOLIN-2(1H)-YL)-2-HYDROXYPROPYL)PYRIMIDINE-4-CARBOXAMIDE**
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[72] SATHE, RAJENDRA S., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[72] MCAULEY, ARNOLD J., US
[71] AMGEN INC., US
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[54] **COMPOSITION COSMETIQUE COMPRENANT UN POLYMERE EPAISSISSANT AYANT DES PARTIES HYDROPHOBES ET HYDROPHILES**
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[72] NIESIG, SILKE, DE
[72] HAAS, FLORIAN, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **PROCEDES ET SYSTEMES POUR AJUSTER UN ALIGNEMENT DE CAPTEUR DE DEPLACEMENT SUR DES VANNES DE COMMANDE DE TRAITEMENT**
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[72] CARTER, PERRY K., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **MATERIAU DE SEPARATION COMPRENANT DES DERIVES PHOSPHORYLCHOLINE**
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[72] PRISYAZHNOY, VICTOR, DE
[72] MATTECKA, STEPHAN, DE
[72] SHERIFF, AHMED, DE
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[72] HERSHBERGER, PAUL M., US
[72] PEDDIBHOTLA, SATYAMAHESHWAR, US
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[54] **DERIVE DE PYRIMIDINE-2,4-DIAMINE ET COMPOSITION PHARMACEUTIQUE ANTICANCEREUSE EN CONTENANT EN TANT QUE PRINCIPE ACTIF**
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[72] KIM, HYOUNG RAE, KR
[72] CHO, SUNG YUN, KR
[72] JUNG, HEE JUNG, KR
[72] LEE, KWANGHO, KR
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[54] **FORMES CRISTALLINES DE L'ACETAMIDE 2-((4S)-6- (4-CHLOROPHENYL)-1-METHYL-4 H-BENZO [C] ISOXAZOLO [4S5-E] AZEPIN-4-YLE)**
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[71] CONSTELLATION PHARMACEUTICALS, INC., US
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[71] ICU MEDICAL, INC., US
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[54] **MARQUEURS GENETIQUES POUR LA PREDICTION DE LA REACTIVITE A UNE THERAPIE AVEC UN AGENT D'AUGMENTATION DE HDL OU D'IMITATION DE HDL**
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[54] **DISPOSITIF POUR LA DETECTION OPTIQUE DU SEXE D'UN PORC DE BOUCHERIE**
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[71] CSB-SYSTEM AG, DE
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[71] SANSI TECHNOLOGY, INC., US
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[54] **COMPOSANT ELECTRIQUE COMPRENANT UN ELEMENT CENTRAL ELECTROCONDUCTEUR**
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[72] BARNES, JOELLA, US
[72] SHOWELL, MICHAEL STANFORD, US
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[72] SERINO, NAZZARO, IT
[71] SEVECOM S.P.A., IT
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[54] **IMPULSION A COURANT NUL AYANT UN GRADIENT DE COURANT CONSTANT SERVANT A INTERROMPRE UN COURANT DIRECT**
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[72] ELST, KATHY, BE
[72] GUNERKEN, EMRE, BE
[72] GARCIA-GONZALEZ, LINSEY, BE
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[72] RICHTER, FRANK, AT
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[72] CORNEILLIE, SEBASTIEN, BE
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[54] **PRODUCTION DE GLYCOPROTEINES AVEC DES N-GLYCANES DE TYPE MAMMIFERE DANS DES CHAMPIGNONS FILAMENTEUX**
[72] NATUNEN, JARI, FI
[72] LEPPANEN, ANNE, FI
[72] SALMINEN, HEIDI, FI
[72] HILTUNEN, JUKKA, FI
[72] KANERVA, ANNE, FI
[72] HEISKANEN, ANNAMARI, FI
[72] WESTERHOLM-PARVINEN, ANN, FI
[72] SCHMIDT, GEORG, FI
[72] HUUSKONEN, ANNE, FI
[72] MUSTALAHTI, EERO, FI
[72] LANDOWSKI, CHRISTOPHER, FI
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[54] **COMPOSITIONS ET PROCEDES POUR ACCROITRE LA CROISSANCE ET LE RENDEMENT DES PLANTES A L'AIDE DE PROMOTEURS DU RIZ**
[72] BRUTNELL, THOMAS P., US
[72] BRYANT, DOUGLAS W., US
[72] MOCKLER, TODD CHRISTOPHER, US
[72] WANG, LIN, US
[71] BENSON HILL BIOSYSTEMS, INC., US
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[54] **TRAITEMENT DU CANCER A L'AIDE DU RECEPTEUR ANTIGENIQUE CHIMERIQUE ANTI-CD33**
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[72] EBERSBACH, HILMAR, CH
[72] GILL, SAAR, US
[72] GLASS, DAVID, US
[72] HUBER, THOMAS, CH
[72] JASCUR, JULIA, CH
[72] KENDERIAN, SAAD, US
[72] MANNICK, JOAN, US
[72] MILONE, MICHAEL C., US
[72] MURPHY, LEON, US
[72] RICHARDSON, CELESTE, US
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[72] SONG, HUIJUAN, CN
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[54] **AUTONOMOUS ELECTRONIC DEVICE WITH SUPPLY BY ELECTROSTATIC TRANSDUCTION PRODUCED BY A VARIABLE CAPACITOR**
[54] **DISPOSITIF ELECTRONIQUE AUTONOME A ALIMENTATION PAR TRANSDUCTION ELECTROSTATIQUE PRODUITE PAR UNE CAPACITE VARIABLE**
[72] LEFEUVRE, ELIE, FR
[71] UNIVERSITE PARIS-SUD, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE**
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[72] BIFERI, MARIA-GRAZIA, FR
[72] VOIT, THOMAS, FR
[71] ASSOCIATION INSTITUT DE MYOLOGIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE(INSERM), FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
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[54] **CRYSTAL STRUCTURE OF HUMAN FOUR-PHOSPHATE ADAPTOR PROTEIN 2 GLYCOLIPID TRANSFER PROTEIN LIKE DOMAIN**
[54] **STRUCTURE CRISTALLINE DU DOMAINE SIMILAIRE A UNE PROTEINE DE TRANSFERT DE GLYCOLIPIDE DE PROTEINE 2 ADAPTATRICE A QUATRE PHOSPHATES HUMAINE**
[72] MEIYAPPAN, MUTHURAMAN, US
[72] DEMATTEIS, MARIA A., IT
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
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[54] **POLYNUCLEOTIDE ENRICHMENT USING CRISPR-CAS SYSTEMS**
[54] **ENRICHISSEMENT DE POLYNUCLEOTIDES A L'AIDE DE SYSTEMES CRISPR-CAS**
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[72] MANDELL, JEFFREY G., US
[72] ARAVANIS, ALEX, US
[72] NORBERG, STEVEN, US
[72] POKHOLOK, DIMITRY K., US
[72] STEEMERS, FRANK J., US
[72] ABSALAN, FARNAZ, US
[72] BAZARGAN, LEILA, US
[71] ILLUMINA, INC., US
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[54] **GRAPHENIC CARBON PARTICLE CO-DISPERSIONS AND METHODS OF MAKING SAME**
[54] **CO-DISPERSIONS DE PARTICULES DE CARBONE GRAPHENIQUE ET LEURS PROCEDES DE FABRICATION**
[72] DECKER, ELDON L., US
[72] NEIDIG, CAITLYN BETH, US
[72] VANIER, NOEL R., US
[72] HUNG, CHENG-HUNG, US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **SODIUM CONTRAST FOR REDUCING SODIUM CONTENT**
[54] **CONTRASTE DE SODIUM POUR REDUIRE LA TENEUR EN SODIUM**
[72] CORUJO-MARTINEZ, JUAN IGNACIO, US
[72] STALDER, JAMES WILLIAM, US
[72] WILLIAMS, ALEXA W., US
[71] FRITO-LAY NORTH AMERICA, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR WASTE WATER PURIFICATION**
[54] **SYSTEME ET PROCEDE DE PURIFICATION DES EAUX USEES**
[72] KEMPPAINEN, RISTO, FI
[71] KEMPPAINEN, RISTO, FI
[85] 2017-01-18
[86] 2015-07-27 (PCT/FI2015/050511)
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[25] EN
[54] **GENETICALLY MODIFIED (R)-LACTIC ACID PRODUCING THERMOPHILIC BACTERIA**
[54] **BACTERIES THERMOPHILES GENETIQUEMENT MODIFIEES PRODUISANT DE L'ACIDE (R)-LACTIQUE**
[72] MACHIELSEN, MARINUS PETRUS, NL
[72] VAN HARTSKAMP, MARISKA, NL
[72] VAN KRANENBURG, RICHARD, NL
[71] PURAC BIOCHEM BV, NL
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[25] EN
[54] **A TUNABLE MICROLENS WITH A VARIABLE STRUCTURE ELEMENT**
[54] **MICROLENTILLE ACCORDABLE AVEC ELEMENT A STRUCTURE VARIABLE**
[72] PHAIR, JOHN, NO
[72] SPATSCHECK, THOMAS, NO
[72] KARTASHOV, VLADIMIR, NO
[71] POLIGHT AS, NO
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[86] 2015-07-17 (PCT/EP2015/066490)
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[25] EN
[54] **STAY GREEN CUCUMBER PLANT**
[54] **PLANT DE CONCOMBRE STAY GREEN**
[72] DE BOER, GEERT JOHANNES, NL
[72] GROOT, MATTHEUS NICOLAAS, ES
[72] LOUWERSE, JEANINE DANIELLE, NL
[72] LEIJTEN, WILHELMINA ANTONIA CORNELIA ANNA, NL
[71] ENZA ZADEN BEHEER B.V., NL
[85] 2017-01-18
[86] 2015-07-16 (PCT/EP2015/066310)
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[25] EN
[54] **ELECTRICAL SWITCHING DEVICE HAVING PARALLEL SWITCHING PATHS**
[54] **APPAREIL ELECTRIQUE DE COMMUTATION COMPRENANT DES SECTIONS D'ISOLEMENT PARALLELES**
[72] FREUNDT, KARSTEN, DE
[72] KALETTA, HARTMUT, DE
[72] MALITZ, ANDREAS, DE
[72] SCHUMANN, ULF, DE
[72] TAYLOR, ERIK D., DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-01-19
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[25] EN
[54] **A WELD TRAINING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FORMATION AU SOUDAGE**
[72] BEESON, RICHARD, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-01-19
[86] 2015-07-09 (PCT/US2015/039680)
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[25] EN
[54] **SUGAR COMPOSITIONS FOR TABLETING BY DIRECT COMPRESSION**
[54] **COMPOSITIONS DE SUCRE POUR LA FABRICATION DE COMPRIMES PAR COMPRESSION DIRECTE**
[72] BOIT, BAPTISTE, FR
[72] LANOS, PIERRE, FR
[72] BUQUET, FABRICE, FR
[71] ROQUETTE FRERES, FR
[85] 2017-01-19
[86] 2015-07-16 (PCT/IB2015/001302)
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[25] FR
[54] **ASSEMBLY COMPRISING A PHOTOVOLTAIC MODULE APPLIED TO A CIRCULABLE ZONE**
[54] **ENSEMBLE COMPORTANT UN MODULE PHOTOVOLTAIQUE APPLIQUE SUR UNE ZONE CIRCULABLE**
[72] GAUME, JULIEN, FR
[72] COQUELLE, ERIC, FR
[72] GAUTIER, JEAN-LUC, FR
[72] GUILLEREZ, STEPHANE, FR
[72] SICOT, LIONEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] COLAS, FR
[85] 2017-01-20
[86] 2015-07-27 (PCT/EP2015/067109)
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[25] EN
[54] **BISPECIFIC HER2 AND CD3 BINDING MOLECULES**
[54] **MOLECULES BISPECIFIQUES DE LIAISON A HER2 ET CD3**
[72] CHEUNG, NAI-KONG V., US
[72] LOPEZ-ALBAITERO, ANDRES, US
[72] XU, HONG, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-01-20
[86] 2015-07-24 (PCT/US2015/041989)
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[25] EN
[54] **LONG-LASTING PET FOOD**
[54] **ALIMENT POUR ANIMAUX DE COMPAGNIE SE CONSERVANT LONGTEMPS**
[72] WELZ, CAROLIN, DE
[72] NITSCHKE, JORG, DE
[71] MARS INCORPORATED, US
[85] 2017-01-23
[86] 2015-07-24 (PCT/EP2015/067087)
[87] (WO2016/012622)
[30] DE (10 2014 110 475.7) 2014-07-24
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[25] EN
[54] **SYNTHESIS AND CHARACTERIZATION OF LITHIUM NICKEL MANGANESE COBALT PHOSPHOROUS OXIDE**
[54] **SYNTHESE ET CARACTERISATION D'OXYDE DE LITHIUM-NICKEL-MANGANESE-COBALT PHOSPHORE**
[72] CHANG, CHUN-CHIEH, US
[72] CHANG, TSUN YU, TW
[71] CHANGS ASCENDING ENTERPRISE CO., LTD., TW
[85] 2017-01-23
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[51] **Int.Cl. C05F 17/00 (2006.01) C05F 9/00 (2006.01) C05F 17/02 (2006.01)**
[25] EN
[54] **A PLANT AND PROCESS FOR FAST HUMIFICATION AND BIOSTABILIZATION AND PRODUCT OBTAINED THEREFROM**
[54] **INSTALLATION ET PROCEDE D'HUMIDIFICATION ET DE BIOSTABILISATION RAPIDES ET PRODUIT OBTENU AVEC CEUX-CI**
[72] PALMAS, COSTANTINO, IT
[71] FASTHUM S.R.L., IT
[85] 2017-01-23
[86] 2015-07-24 (PCT/IB2015/055624)
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[25] EN
[54] **ENCAPSULATED AMORPHOUS CALCIUM CARBONATE COMPOSITIONS**
[54] **COMPOSITIONS DE CARBONATE DE CALCIUM AMORPHE ENCAPSULEES**
[72] ABO RIZIQ, ALI, IL
[72] HERSHKOVITZ, SHARON, IL
[72] BEN, YOSEF, IL
[72] BLUM, YIGAL, US
[71] AMORPHICAL LTD., IL
[85] 2017-01-23
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[25] EN
[54] **IMPROVED HOST CELL FOR PRODUCING PROTEINS**
[54] **CELLULE HOTE AMELIOREE POUR LA PRODUCTION DE PROTEINES**
[72] SZPIRER, CEDRIC, BE
[72] CAVRENNE, JONATHAN, BE
[72] MICHEL, BENJAMIN, BE
[71] DELPHI GENETICS, BE
[85] 2017-01-24
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[25] EN
[54] **METHOD FOR PRODUCING ACETOIN**
[54] **PROCEDE DE PRODUCTION DE D'ACETOINE**
[72] BREMOND, MELANIE, FR
[72] JAILLARDON, KARINE, FR
[72] LOUIS, DOMINIQUE, FR
[72] THOMAS, DOMINIQUE, FR
[71] ALDERYS, FR
[85] 2017-01-24
[86] 2015-07-23 (PCT/EP2015/066927)
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[51] **Int.Cl. C12N 1/19 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01) C12N 15/60 (2006.01) C12N 15/81 (2006.01) C12P 7/16 (2006.01) C12P 7/18 (2006.01)**
[25] EN
[54] **MICROORGANISM STRAINS FOR THE PRODUCTION OF 2.3-BUTANEDIOL**
[54] **SOUCHES DE MICRO-ORGANISMES POUR LA PRODUCTION DE 2,3-BUTANEDIOL**
[72] BREMOND, MELANIE, FR
[72] JAILLARDON, KARINE, FR
[72] LOUIS, DOMINIQUE, FR
[72] THOMAS, DOMINIQUE, FR
[71] ALDERYS, FR
[85] 2017-01-24
[86] 2015-07-23 (PCT/EP2015/066920)
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[51] **Int.Cl. C01B 3/08 (2006.01) C01B 3/02 (2006.01) C01B 3/06 (2006.01) C01B 3/10 (2006.01) C01B 3/34 (2006.01) C01B 3/38 (2006.01) C01B 3/50 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HYDROGEN**
[54] **PROCEDE POUR LA PREPARATION D'HYDROGENE**
[72] NESTL, STEPHAN, AT
[72] HACKER, VIKTOR, AT
[72] VOITIC, GERNOT, AT
[71] ROUGE H2 ENGINEERING GMBH, AT
[85] 2017-01-25
[86] 2015-07-27 (PCT/AT2015/050177)
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[30] AT (A 50526/2014) 2014-07-25

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[51] **Int.Cl. C07K 1/34 (2006.01) B01D 15/08 (2006.01) C07K 1/14 (2006.01) C07K 1/16 (2006.01) C07K 1/36 (2006.01) C07K 16/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **METHOD FOR PURIFYING ANTIBODIES**
[54] **PROCEDE DE PURIFICATION D'ANTICORPS**
[72] MEH, DAVID, US
[72] ATOLAGBE, TIMOTHY, US
[72] FARQUHARSON, G. MARK, US
[72] SHABAN, SAMIR H., US
[72] KOLECK, MARY P., US
[72] MITRA, GEORGE, US
[71] UNITED THERAPEUTICS CORPORATION, US
[71] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-01-25
[86] 2015-07-27 (PCT/US2015/042241)
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[30] US (62/028,994) 2014-07-25

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[13] A1
[51] **Int.Cl. C12N 9/42 (2006.01) C12N 1/14 (2006.01) C12N 9/00 (2006.01) C12N 9/24 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING AN ENZYMATIC COCKTAIL FROM FUNGAL MUST**
[54] **PROCEDE DE PRODUCTION D'UN COCKTAIL ENZYMATIQUE A PARTIR DE MOUT DE CHAMPIGNON**
[72] BEN CHAABANE, FADHEL, FR
[72] JOURDIER, ETIENNE, FR
[72] COHEN, CELINE, FR
[72] CHAUSSEPIED, BERNARD, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2017-01-25
[86] 2015-07-27 (PCT/EP2015/067139)
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[30] FR (1457358) 2014-07-30

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[25] EN
[54] **IN VIVO PRODUCTION OF A RECOMBINANT CAROTENOID-PROTEIN COMPLEX**
[54] **PRODUCTION IN VIVO D'UN COMPLEXE CAROTENOIDE-PROTEINE DE RECOMBINAISON**
[72] BOURCIER DE CARBON, CELINE, FR
[72] KIRILOVSKY, DIANA, FR
[72] BOULAY, CLEMENCE, FR
[72] DURAN, BERTRAND-ELIE, FR
[72] PHULPIN, ALEXANDRE, FR
[72] WILSON, ADJELE, FR
[71] PHYCOSOURCE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2017-01-25
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[30] EP (14306207.3) 2014-07-25

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[51] **Int.Cl. C12N 15/867 (2006.01) A61K 48/00 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **LENTIVIRAL VECTORS FOR REGULATED EXPRESSION OF A CHIMERIC ANTIGEN RECEPTOR MOLECULE**
[54] **VECTEURS LENTIVIRAUX POUR L'EXPRESSION REGULEE D'UNE MOLECULE RECEPTEUR D'ANTIGENE CHIMERE**
[72] AGAUGUE, SOPHIE, FR
[72] TIBALDI, LORENZO, FR
[72] EVEN-DESRUMAUX, KLERVI, FR
[72] TRUBETSKOY, DMITRY, FR
[72] PEREZ, FRANCK, FR
[72] AMIGORENA, SEBASTIAN, FR
[72] BAUCHE, CECILE, FR
[71] THERAVECTYS, FR
[71] INSTITUT CURIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2017-01-25
[86] 2015-07-24 (PCT/EP2015/067090)
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[30] US (62028889) 2014-07-25
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[51] **Int.Cl. C12P 7/56 (2006.01) C01B 7/03 (2006.01) C01F 5/06 (2006.01) C12P 7/40 (2006.01) C12P 19/14 (2006.01) D21C 1/06 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF LACTIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE LACTIQUE**
[72] BAETS, PETER JOHANNES MARIE, NL
[72] SANCHEZ GARCIA, DAVID, NL
[72] GROOT, WILLEM JACOB, NL
[72] DE HAAN, ANDRE BANIER, NL
[71] PURAC BIOCHEM BV, NL
[85] 2017-01-25
[86] 2015-07-28 (PCT/EP2015/067258)
[87] (WO2016/016233)
[30] EP (14178812.5) 2014-07-28
[30] EP (14178813.3) 2014-07-28

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[51] **Int.Cl. C12P 7/56 (2006.01) C12P 7/40 (2006.01) C12P 19/14 (2006.01) D21C 1/06 (2006.01)**
[25] EN
[54] **PREPARATION OF LACTIC ACID AND/OR A LACTATE SALT FROM LIGNOCELLULOSIC MATERIAL BY SEPARATE SACCHARIFICATION AND FERMENTATION STEPS**
[54] **PREPARATION D'ACIDE LACTIQUE ET/OU D'UN SEL DE LACTATE A PARTIR D'UN MATERIAU LIGNOCELLULOSIQUE PAR DES ETAPES DE SACCHARIFICATION ET DE FERMENTATION SEPAREES**
[72] BAETS, PETER JOHANNES MARIE, NL
[72] SANCHEZ GARCIA, DAVID, NL
[72] GROOT, WILLEM JACOB, NL
[72] DE HAAN, ANDRE BANIER, NL
[71] PURAC BIOCHEM BV, NL
[85] 2017-01-25
[86] 2015-07-28 (PCT/EP2015/067260)
[87] (WO2016/016235)
[30] EP (14178816.6) 2014-07-28
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[72] KUFER, PETER, DE
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[72] CONCEICAO, GUARACI NAKAMURA RODRIGUES, BR
[72] EKNOIAN, MICHAEL W., US
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[71] UNIVERSITE D'AIX-MARSEILLE, FR
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[54] **PROCEDE DE PRODUCTION DE VARIANTS AYANT UN FC PRESENTANT UNE SIALYLATION AMELIOREE**
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[54] **PROCEDE D'INJECTION D'AGENTS REDUCTEURS DE SUBSTITUTION DANS UN HAUT-FOURNEAU**
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[54] **APPAREIL DE DIAGNOSTIC A ULTRASONS POUR AUTO-DIAGNOSTIC ET DIAGNOSTIC A DISTANCE, ET PROCEDE DE FONCTIONNEMENT DE L'APPAREIL DE DIAGNOSTIC A ULTRASONS**
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[72] KIM, YOUNG-HWAN, KR
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[54] **DISPOSITIF DE SURVEILLANCE DE L'EFFICACITE D'UNE THERAPIE CONTRE L'INSUFFISANCE CARDIAQUE**
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[71] CARDIMETRIX LLC, US
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[72] MCCORMACK, JIMROY, US
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[72] RAY, SUMAN SINHA, US
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[54] **SYSTEME, PROCEDE ET APPAREIL POUR LE RECYCLAGE DE BARDEAUX D'ASPHALTE ET LA PRODUCTION D'UN MELANGE D'ASPHALTE**
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[54] **PATIN DE CHENILLE MUNI D'UN DISPOSITIF DE DETECTION D'USURE**
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[72] KNITT, ANDREW ALFRED, US
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[71] CATERPILLAR INC., US
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[54] **BOITIER DE MOTEUR A TURBINE A GAZ ET PROCEDE CORRESPONDANT**
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[72] AMON, PHILLIPPE, CH
[71] SICPA HOLDING SA, CH
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[54] **SYSTEMES ET PROCEDES D'ASSOCIATION DE DISPOSITIFS MEDICAUX**
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[72] ZALESKY, LARRY, US
[71] SMITHS MEDICAL ASD, INC., US
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[54] **COMPOSITIONS DETERGENTES CONTENANT UN TENSIOACTIF RAMIFIE**
[72] VINSON, PHILLIP KYLE, US
[72] STENGER, PATRICK CHRISTOPHER, US
[72] STEFFEY, MELINDA PHYLLIS, US
[72] REILMAN, RANDALL THOMAS, US
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[72] SUN, DAVID DEZHOU, US
[72] EICKHOFF, JONATHAN, US
[72] MEUNIER, JEFFREY P., US
[72] WATERMAN, JARED B., US
[71] BERRY PLASTICS CORPORATION, US
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[54] **SYSTEME D'ASCENSEUR A CABINES ENTRAINEES INDIVIDUELLEMENT ET SUIVANT UNE TRAJECTOIRE FERMEE**
[72] FINSCHI, LUKAS, CH
[72] TROESCH, FLORIAN, CH
[72] FRIEDLI, PAUL, CH
[72] SCHUSTER, KILIAN, CH
[72] VONAESCH, JONAS, CH
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[54] **COMPOSITION A BASE D'IODOPHORE A STABILITE AMELIOREE EN PRESENCE DE MATIERE ORGANIQUE**
[72] O'FLAHERTY, VINCENT, IE
[72] MCCAY, PAUL, IE
[71] NATIONAL UNIVERSITY OF IRELAND, GALWAY, IE
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[54] **APPAREIL DE SYSTEME DE VENTILATION D'AIR RETRACTABLE**
[72] BEAUDIN, NIKOLAS, CA
[72] MALEK, BRUCE, CA
[71] BOMBARDIER INC., CA
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[54] **ACTUATED OUTLET DOOR FOR AIRCRAFT HIGH-TEMPERATURE EXHAUST**
[54] **PORTE DE SORTIE ACTIONNEE POUR ECHAPPEMENT A HAUTE TEMPERATURE D'AERONEF**
[72] IAROCCI, NICK, CA
[72] SADRI, REZA, CA
[72] POIRIER, VINCENT, CA
[72] DUSSAULT, KATHLEEN, CA
[72] BOILEAU, EDMOND, CA
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[54] **POSITIVELY CHARGED CO-POLYMERS FOR USE AS ANTIMICROBIAL AGENTS**
[54] **COPOLYMERES A CHARGE POSITIVE DESTINES A ETRE UTILISES EN TANT QU'AGENTS ANTIMICROBIENS**
[72] JENSEN, THOMAS VORUP, DK
[72] CHRISTIANSEN, STIG HILL, DK
[72] PETERSEN, JORGEN ESKILD, DK
[71] AARHUS UNIVERSITET, DK
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[54] **SALTS OF ETHERAMINES AND POLYMERIC ACID**
[54] **SELS D'ETHERAMINES ET D'ACIDE POLYMERE**
[72] VACANO, BERNHARD ULRICH VON, DE
[72] EBERT, SOPHIA, DE
[72] LUDOLPH, BJORN, DE
[72] WIGBERS, CHRISTOF WILHELM, DE
[72] EIDAMSHAUS, CHRISTIAN, DE
[72] LOUGHNANE, BRIAN J., US
[72] HUELSKOETTER, FRANK, DE
[72] SCIALLA, STEFANO, IT
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[54] **WIND TURBINE AND METHOD FOR CONTROLLING AN ACCESS POINT IN A CLOSED AREA OF A WIND TURBINE**
[54] **EOLIENNE ET PROCEDE DE COMMANDE DE L'ACCES A UNE ZONE FERMEE D'UNE EOLIENNE**
[72] GEIKEN, PETER, DE
[72] ROHLFSEN, JORG, DE
[72] SCHMEES, REINER, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **COMPOSITIONS COMPRENANT UN MATERIAU FIBREUX ET UN LIANT THERMOPLASTIQUE**
[72] FERENCZ, ANDREAS, DE
[72] LAMMERSCHOP, OLAF, DE
[72] SCHMIDT, TAMARA, DE
[72] SLARK, ANDREW, GB
[72] KASPER, DIRK, DE
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[54] **POLYSILOXANES POLYMERISABLES AVEC SUBSTITUANTS HYDROPHILES**
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[72] HUANG, JINYU, US
[72] SHANKAR, VENKAT, US
[71] NOVARTIS AG, CH
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[54] **KIT POUR LE RADIOMARQUAGE AU 68GA COMPRENANT UN INHIBITEUR METALLIQUE**
[72] WOUTERS, LUDOVIC, BE
[72] KAISIN, GEOFFROY, BE
[72] LUXEN, ANDRE, BE
[72] LEONARD, MARC, BE
[72] VOCCIA, SAMUEL, BE
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[25] EN
[54] **ELECTROCHEMICAL DEVICE FOR STORING ELECTRICAL ENERGY AND PRODUCING HYDROGEN, AND METHOD FOR PRODUCING HYDROGEN**
[54] **DISPOSITIF ELECTROCHIMIQUE POUR LE STOCKAGE DE L'ENERGIE ELECTRIQUE ET LA PRODUCTION D'HYDROGENE, ET PROCEDE DE PRODUCTION D'HYDROGENE**
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[72] BRIFFOD, JEAN-PAUL, FR
[71] JOMI LEMAN, FR
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[54] **UTILISATION D'UN SULFATE ET PROCEDE DE FABRICATION D'UNE PIECE EN ACIER PAR FORMAGE SUR UNE MACHINE DE FORMAGE**
[72] LOSTAK, THOMAS, DE
[72] TIMMA, CHRISTIAN, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
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[71] TONNJES ISI PATENT HOLDING GMBH, DE
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[54] **COMPOSANT DE PALE DE TURBINE D'EOLIENNE RENFORCE**
[72] GARM, JESPER HASSELBALCH, DK
[72] NIELSEN, MICHAEL WENANI, DK
[72] QUIRING, PETER, DK
[72] CASPER, KILDEGAARD, DK
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[54] **MACHINE DE DIALYSE AYANT LA CAPACITE DE DETERMINER UNE PROPRIETE PRE-DIALYTIQUE DANS LE SANG D'UN PATIENT SOUS DIALYSE**
[72] MAIERHOFER, ANDREAS, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[54] **UNITE SUPPORT POUR LA FORMATION D'UNE CHAUSSEE TEMPORAIRE**
[72] ELSE, ROBERT ARTHUR, GB
[72] SHUERT, LYLE, US
[71] LINEBACKER UK LIMITED, GB
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[54] **CHAUFFAGE**
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[71] JONES, JOAN PHILOMENA, GB
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[54] **CONJUGUES DE QUINOLIUM ET CYCLOSPORINE**
[72] SELWOOD, DAVID, GB
[72] BAKER, DAVID, GB
[72] SZABADKAI, GYORGY, GB
[72] DUCHEN, MICHAEL ROLAND, GB
[72] HILL, JULIA MARIE, GB
[72] WARNE, JUSTIN NEIL DARREL, GB
[71] UCL BUSINESS PLC, GB
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[54] **COMPOSITION DETERGENTE POUR LE NETTOYAGE**
[72] ANDREOLI, ALESSANDRA, IT
[72] MOR, MASSIMO, IT
[72] BIASIBETTI, FEDERICO, IT
[71] INNOSPEC PERFORMANCE CHEMICALS EUROPE LIMITED, GB
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[25] EN
[54] **WIND TURBINE WHICH CAN BE MOVED IN TRANSLATION**
[54] **EOLIENNE MOBILE EN TRANSLATION**
[72] FRANCK, JAN, DE
[71] FRANCK, JAN, DE
[85] 2017-02-17
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[25] EN
[54] **METHOD OF AND SYSTEM FOR INSTALLING FOUNDATION ELEMENTS IN AN UNDERWATER GROUND FORMATION**
[54] **PROCEDE ET SYSTEME D'INSTALLATION D'ELEMENTS DE FONDATION DANS UNE FORMATION TERRESTRE SOUS-MARINE**
[72] BELDER, CORNELIS, NL
[72] VAN LIERE, ERWIN VINCENT, NL
[71] IHC HOLLAND IE B.V., NL
[85] 2017-02-17
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[25] EN
[54] **ANTI-FOG CONSUMER PRODUCTS AND PROCESSES FOR MAKING SAME**
[54] **PRODUITS DE CONSOMMATION ANTI-BUEE ET LEURS PROCEDES DE FABRICATION**
[72] PARKER, KEVIN, GB
[72] MARSHALL, JOANNA, GB
[72] BUDHAVARAM, NARESH, US
[72] LU, BING, US
[72] PALYAM, NAGARJUNA, US
[72] COLLINS, MARILYN, US
[72] COMBS, MICHAEL, US
[72] MCGRADY, CHRISTOPHER, US
[71] CELANESE ACETATE LLC, US
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[25] EN
[54] **A SCAFFOLD ASSEMBLY AND METHOD OF MANUFACTURE**
[54] **ENSEMBLE ECHAFAUDAGE ET PROCEDE DE FABRICATION**
[72] JURY, KEVIN, IE
[72] BUTLER, PAUL, IE
[71] UI PROPERTY LIMITED, MY
[85] 2017-02-17
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[25] EN
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[54] **ARTICLE DE BAGAGERIE FORME D'UNE FEUILLE NON TISSEE COMPACTEE**
[72] VANDEVELDE, MATHIEU, BE
[72] KOSLOWSKI, PAULINE M., BE
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
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[25] EN
[54] **BALER WITH AUTOMATED POSITIONING OF PLUNGER**
[54] **PRESSE A BALLES A POSITIONNEMENT AUTOMATIQUE DU PISTON**
[72] RETZLAFF, LAWRENCE, US
[72] WAGGONER, ROBERT, US
[72] TACKE, KEVIN, US
[71] AGCO CORPORATION, US
[85] 2017-02-17
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[25] EN
[54] **BALER WITH AUTOMATED EJECTION OF BALES**
[54] **PRESSE A BALLES AVEC EJECTION AUTOMATISEE DES BALLES**
[72] RETZLAFF, LAWRENCE, US
[72] WAGGONER, ROBERT, US
[71] AGCO CORPORATION, US
[85] 2017-02-17
[86] 2015-09-03 (PCT/US2015/048228)
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[25] EN
[54] **METHODS AND REAGENTS FOR PREVENTION AND/OR TREATMENT OF INFECTION**
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[72] MANEZ MENDILUCE, RAFAEL, ES
[72] COSTA VALLES, CRISTINA, ES
[72] PEREZ CRUZ, MAGDIEL, ES
[72] BELLO GIL, DANIEL, ES
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[54] **UNITE D'EXTRACTION DE MACHINE DE PREPARATION DE BOISSONS**
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[54] **MULTILAYERED ROTOMOULDED ARTICLES**
[54] **ARTICLES ROTOMOULFS MULTICOUCHES**
[72] MAZIERS, ERIC, BE
[72] FOUSSARD, THIERRY, FR
[72] DEVIS, GEOFFREY, FR
[71] TOTAL RESEARCH & TECHNOLOGY FELUY, BE
[71] POLYNT COMPOSITES FRANCE, FR
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[72] WAGGONER, ROBERT, US
[72] HERRON, MAYNARD M., US
[71] AGCO CORPORATION, US
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[54] **METHOD FOR MANUFACTURING A MINIATURIZED ELECTROCHEMICAL CELL AND A MINIATURIZED ELECTROCHEMICAL CELL**
[54] **PROCEDE DE FABRICATION DE CELLULE ELECTROCHIMIQUE MINIATURISEE ET CELLULE ELECTROCHIMIQUE MINIATURISEE**
[72] MANO, NICOLAS, FR
[72] KUHN, ALEXANDER, FR
[72] RAVAINE, SERGE, FR
[72] HEIM, MATTHIAS, GB
[72] RECULUSA, STEPHANE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE BORDEAUX, FR
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[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UNE POLYETHERAMINE**
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] HULSKOTTER, FRANK, DE
[72] SCIALLA, STEFANO, IT
[72] EBERT, SOPHIA ROSA, DE
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[54] **APPAREIL DE DECHARGEMENT DE RAYONNAGE AUTOMATISE**
[72] POULIN, PATRICK, CA
[71] KL PRODUCTS INC., CA
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[54] **METHOD FOR MANUFACTURING TURBOMACHINE MEMBER RING SUPPORTS**
[54] **PROCEDE DE FABRICATION DE SUPPORTS D'ANNEAUX D'ORGANE DE TURBOMACHINE**
[72] GIARDINI, BRUNO, FR
[72] CHARRIER, EMMANUEL BERNARD MARIE, FR
[72] HASCOET, FREDERIC, FR
[72] SPIRE, DIDIER, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[72] ERTEL, JASON R., US
[72] MCKENZIE, JOHN, US
[72] YE, DANWEI, US
[71] MTD PRODUCTS INC, US
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[54] **CLOISON SECHE POUR GARNITURES DE TRANSITION DE CARREAUX INSONORISANTS DE PLAFOND**
[72] LEHANE, JAMES J., US
[72] GULBRANDSEN, PEDER J., US
[72] BAKER, CHRIS C., US
[71] USG INTERIORS, LLC, US
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[54] **WATER SLIDE SYSTEM AND OPERATING METHOD**
[54] **SYSTEME DE TOBOGGAN AQUATIQUE ET PROCEDE DE FONCTIONNEMENT**
[72] KLARER, STEFAN, CH
[71] KLARER FREIZEITANLAGEN AG, CH
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[54] **PROCEDE PERMETTANT LA PRODUCTION D'UN ARTICLE MOULE A LA PRESSE LIE PAR DU CARBONATE**
[72] MAYELLE, NICK, BE
[72] BOUILLOT, FREDERIQUE, BE
[72] VAN MECHELEN, DIRK, BE
[71] RECOVAL BELGIUM, BE
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[54] **SYSTEME D'ALIMENTATION EN OXYGENE D'URGENCE**
[72] CAMPBELL, COLIN IAN, GB
[72] TREVENA, PAUL NORMAN, GB
[72] WOOD, BARRY, GB
[72] CAZENAVE, JEAN-MICHEL, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **DISPOSITIF D'ECARTEMENT POUR STERNOTOMIE**
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[72] MAZHAR, UMAIR BIN RASHID RASHID, QA
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[54] **MARQUEUR DE TISSU POUR IMAGERIE RADIOGRAPHIQUE A MODALITES MULTIPLES**
[72] BOLAN, PATRICK J., US
[72] GROSS, MARK C., US
[72] HALPERN, DANIEL A., US
[72] NELSON, MICHAEL T., US
[71] BREAST-MED, INC., US
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[25] EN
[54] **COMPLIANCE MONITORING MODULE FOR AN INHALER**
[54] **MODULE DE SURVEILLANCE DE CONFORMITE POUR UN INHALATEUR**
[72] MORRISON, MARK STEVEN, US
[72] WEITZEL, DOUGLAS E., US
[72] CALDERON OLIVERAS, ENRIQUE, IE
[72] BUCK, DANIEL, IE
[71] MICRODOSE THERAPEUTX, INC., US
[71] NORTON (WATERFORD) LIMITED, IE
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[54] **TIDAL DRY POWDER INHALER WITH MINIATURE PRESSURE SENSOR ACTIVATION**
[54] **INHALATEUR A POUDRE SECHE AU REPOS A ACTIVATION DE CAPTEUR MINIATURE DE PRESSION**
[72] MORRISON, MARK STEVEN, US
[72] WEITZEL, DOUGLAS E., US
[71] MICRODOSE THERAPEUTX, INC., US
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[54] **MODULE DE SURVEILLANCE DE LA CONFORMITE POUR UN INHALATEUR ACTIONNE PAR LA RESPIRATION**
[72] MORRISON, MARK STEVEN, US
[72] WEITZEL, DOUGLAS E., US
[72] CALDERON OLIVERAS, ENRIQUE, IE
[72] BUCK, DANIEL, IE
[71] MICRODOSE THERAPEUTX, INC., US
[71] NORTON (WATERFORD) LIMITED, IE
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[54] **GONFLAGE D'UN VETEMENT DE COMPRESSION**
[72] DENSON, JESSE, US
[72] WUDYKA, SCOTT, US
[71] COVIDIEN LP, US
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[54] **ULTRASONIC URINE VOLUME MEASURING INSTRUMENT, AND URINE VOLUME MANAGEMENT DATA GENERATING AND DISPLAYING METHOD USING ULTRASONIC URINE VOLUME MEASURING INSTRUMENT**
[54] **INSTRUMENT ULTRASONORE DE MESURE DE VOLUME D'URINE ET PROCEDE DE GENERATION ET D'AFFICHAGE DE DONNEES DE GESTION DE VOLUME D'URINE A L'AIDE DE CET INSTRUMENT ULTRASONORE DE MESURE DE VOLUME D'URINE**
[72] YOSHIMURA, YASUO, JP
[72] SUMI, AKIRA, JP
[72] SHIRASAKI, ISAO, JP
[71] OTSUKA MEDICAL DEVICE CO., LTD., JP
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[25] FR
[54] **GUIDE VANE MADE FROM COMPOSITE MATERIAL, COMPRISING STAGGERED ATTACHMENT FLANGES FOR A GAS TURBINE ENGINE**
[54] **AUBE DE REDRESSEUR EN MATERIAU COMPOSITE A BRIDES DE FIXATION DECALEES POUR MOTEUR A TURBINE A GAZ**
[72] GIMAT, MATTHIEU, FR
[72] CHARLEUX, FRANCOIS, FR
[72] MARIN, SEBASTIEN, US
[72] MARION, GWENAEL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **SYSTEMS AND PROCESSES FOR DELIVERING DIGITAL VIDEO CONTENT BASED UPON EXCITEMENT DATA**
[54] **SYSTEMES ET PROCEDES POUR DELIVRER UN CONTENU VIDEO NUMERIQUE SUR LA BASE DE DONNEES D'ENGOUEMENT**
[72] DIMOV, DMITRY, US
[72] SHAH, YASH SURESH, US
[72] ABRAMOV, ANDREY L., US
[72] ASNIS, ILYA, US
[72] GIRLANDO, DAVIDE, US
[71] SLING MEDIA INC., US
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[54] **ETABLISSEMENT ET MAINTIEN D'UN APPEL VOIP**
[72] SINGH, MANPREET, US
[72] KRET, EHREN A., US
[72] REED, ERIK JAMES, US
[72] DONOHUE, MICHAEL B., US
[71] WHATSAPP INC., US
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[54] **DECOUVERTE ET COMMANDE DE SESSIONS MULTIMEDIAS DISTANTES**
[72] BELLET, VINCENT, US
[72] PLETTE, SCOTT, US
[72] MATESAN, CRISTIAN, US
[72] LOHOLT, MIKE, US
[72] WILSSENS, STEVEN, US
[72] ANGELINI, LUKE, US
[71] MICROSOFT TEHCNOLOGY LICENSING, LLC, US
[71] MICROSOFT TEHCNOLOGY LICENSING, LLC, US
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[54] **TAPIS DE DETECTION A FIBRE OPTIQUE SUR SUBSTRAT SOUPLE POUR DETECTION ACOUSTIQUE REPARTIE**
[72] FARHADIROUSHAN, MAHMOUD, GB
[72] MAHUE, VERONIQUE, GB
[72] PARKER, TOM, GB
[72] SHATALIN, SERGEY, GB
[71] SILIXA LTD., GB
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[54] **COMMANDE DE SPECTRE D'ENERGIE SOMME, MULTI-RESEAU, EN TEMPS REEL**
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[72] MCGINTY, JOHN, US
[71] RAYTHEON COMPANY, US
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[54] **CLE DYNAMIQUE**
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[71] CIRILLO, ANTONIO, IT
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[54] **SERVICES DE DELESTAGE VIA UN RESEAU HOTE NEUTRE**
[72] AHMAVAARA, KALLE ILMARI, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-02-28
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[54] **PROCEDE DE MESURE D'INTERMODULATION PASSIVE ET DISPOSITIF DE MESURE**
[72] ENTSFELLNER, CHRISTIAN, DE
[72] KAINDL, BENJAMIN, DE
[72] SCHWAB, MARTIN, DE
[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **ENCEINTE PROFILEE DE FACON AERODYNAMIQUE POUR DISPOSITIFS D'ENTREE D'UN SYSTEME DE PREPARATION DE MEDICAMENTS**
[72] NOWICKI, MATTHEW, US
[72] SANDMANN, CHRISTIAN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **PLATEAU AMELIORE POUR MALAXAGE PHARMACEUTIQUE**
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[72] WITT, ERIK KURT, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ENSEMBLE D'ECROU DE RATTRAPAGE DE JEU**
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[71] HELIX LINEAR TECHNOLOGIES, US
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[54] **SYSTEME UNIVERSEL DE COMMANDE A DISTANCE POUR OUTILS DE RECUPERATION D'HYDROCARBURES**
[72] KREMS, KLAUS, DE
[72] WIEDECKE, MICHAEL, DE
[72] HELMS, MARTIN, DE
[72] THOMAS, BENSON, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PROCEDE ET SYSTEME PERMETTANT DE FACILITER UNE TRANSACTION**
[72] KRAVCEVICH, ANGELA, IE
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **A MECHANISM FOR AUTHORISING TRANSACTIONS CONDUCTED AT UNATTENDED TERMINALS**
[54] **MECANISME POUR AUTORISER DES TRANSACTIONS EFFECTUEES AU NIVEAU DE TERMINAUX SANS SURVEILLANCE**
[72] NOE, JAMES C., GB
[72] COWEN, MICHAEL J., GB
[72] GEORGE, SAGITHA, GB
[72] ROBERTS, DAVID A., GB
[72] LADDS, ANOUSKA, GB
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[72] FURTWANGLER, TYLER R., US
[72] FURTWANGLER, BRANDON C., US
[72] FURTWANGLER, NATHAN J. E., US
[71] HOME BOX OFFICE, INC., US
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[54] **MULTIPLEXAGE ET CHAINAGE DE TACHES ASYNCHRONES**
[72] PARKER, J. JORDAN C., US
[72] FURTWANGLER, TYLER R., US
[72] FURTWANGLER, BRANDON C., US
[72] FURTWANGLER, NATHAN J. E., US
[72] FINNIGAN, PATRICK, US
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[54] **PRE-ENFANTS DANS UN ARBRE D'INTERFACE UTILISATEUR**
[72] FURTWANGLER, BRANDON C., US
[72] CLARK, BRENDAN JOSEPH, US
[72] PARKER, J. JORDAN C., US
[71] HOME BOX OFFICE, INC., US
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[54] **MODELES ASYNCHRONES**
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[72] FURTWANGLER, TYLER R., US
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[54] **SYSTEME D'INFORMATIONS DE VEHICULE**
[72] HAIDAR, MAHMOUD, US
[72] HARPER, SCOTT CLIFTON, US
[72] KINNEY, POWELL MCVAY, US
[72] ALKHOURY FALLOUH, SAMER, US
[72] TURNEY, KYLE JUSTIN, US
[72] GINGRICH, NATHANAEL LLOYD, US
[72] MOORE, BENJAMIN DAVID, US
[72] HALL, DANIEL THOMAS, US
[71] VINLI, US
[71] HAIDAR, MAHMOUD, US
[71] HARPER, SCOTT CLIFTON, US
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[71] ALKHOURY FALLOUH, SAMER, US
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[54] **REGLES DE VALIDATION CONDITIONNELLES**
[72] GOULD, JOEL, US
[72] PROCOPS, ROY, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **SYSTEMES ET PROCEDES DE THERAPIE PAR NEUROSTIMULATION**
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[72] SHERRY, JOHN EDWARD, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2017-03-03
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[54] **IMPROVED CUSTOMER PROFILING SYSTEM AND METHOD THEREFOR**
[54] **SYSTEME DE PROFILAGE DE CLIENT AMELIORE, ET PROCEDE ASSOCIE**
[72] ATKINS, STUART ALAN, GB
[72] WOODBRIDGE, SEAN, GB
[72] ELIAS, LISSY, US
[72] DEY, RAJAT, GB
[71] SITA INFORMATION NETWORKING COMPUTING UK LIMITED, GB
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[54] **METHODS USING FACIAL TEMPERATURE TO EVALUATE POST-INGESTIVE IMPACT OF FOOD INGREDIENTS ON FAT OXIDATION**
[54] **PROCEDES D'UTILISATION DE LA TEMPERATURE FACIALE POUR EVALUER L'IMPACT POST-INGESTION D'INGREDIENT ALIMENTAIRES SUR L'OXYDATION DES GRAISSES**
[72] MICHLIG GONZALEZ, STEPHANIE, CH
[72] BEAUMONT, MAURICE, CH
[72] LE COUTRE, JOHANNES, CH
[71] NESTEC S.A., CH
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[54] **PROCEDE DE REVETEMENT DE SURFACES DANS DES INSTALLATIONS CHIMIQUES**
[72] WRIGHT, ANTHONY COLIN, GB
[72] UNTHANK, MATTHEW GEORGE, GB
[72] CAMERON, COLIN, GB
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
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[54] **SYSTEME ET PROCEDE DE PLANIFICATION ET DE CONTROLE DES COUTS PENDANT LA DUREE DE VIE D'UNE MINE**
[72] MEGANNON, JOHN FRANCIS, ZA
[72] LOUBSER, ANDRIES GEORGE HENDRIK, ZA
[72] WOODHALL, MICHAEL, ZA
[71] MINE RP HOLDINGS (PTY) LIMITED, ZA
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[54] **CADRE DE TEST GUIDE PAR LES DONNEES**
[72] PRINTZ, PHILIPPE, US
[72] ISMAN, MARSHALL ALAN, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **VALVE ARRANGEMENT FOR A ROTATIONALLY FIXED TRANSITION, WHEEL UNIT WITH A ROTATIONALLY FIXED TRANSITION, AND PRESSURE MEDIUM SUPPLY DEVICE FOR A WHEEL UNIT**
[54] **ENSEMBLE VALVE POUR ELEMENT DE TRANSITION ROTATION-FIXATION, UNITE ROUE COMPRENANT UN TEL ELEMENT DE TRANSITION ROTATION-FIXATION, ET DISPOSITIF D'ALIMENTATION EN PRESSION POUR UNE UNITE ROUE**
[72] GROSSE-VEHNE, KLEMENS, DE
[72] TSIBERIDIS, KONSTANTIN, DE
[72] TSIBERIDOU, JULIA, DE
[71] GV ENGINEERING GMBH, DE
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[54] **METHODS AND SYSTEMS FOR MANAGING AGRICULTURAL ACTIVITIES**
[54] **PROCEDES ET SYSTEMES DE GESTION D'ACTIVITES AGRICOLES**
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[72] POLLAK, ELI, US
[72] D'ORGEVAL, TRISTAN, US
[72] KRUMME, COCO, US
[72] LEVEY, EVIN, US
[72] WIMBUSH, ALEX, US
[72] ANDREJKO, ERIK, US
[72] BREGA, MOOREA, US
[72] ALDOR-NOIMAN, SIVAN, US
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[54] **ALGORITHME D'APPLICATION D'UN PREDICAT A DES JEUX DE DONNEES**
[72] HEYNS, RICHARD, GB
[71] BRYTLYT LIMITED, GB
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[54] **ADDITION TO A MEDICAL APPLICATOR**
[54] **ELEMENT D'AJOUT POUR APPLICATEUR MEDICAL**
[72] ILAN, EREZ, IL
[72] REGEV, KFIR, IL
[72] GURMAN, YOTAM, IL
[72] TANNHAUSER, ROBERT J., US
[71] OMRIX BIOPHARMACEUTICALS LTD., IL
[71] ETHICON, INC., US
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[86] 2015-09-09 (PCT/IL2015/000041)
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[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0486 (2013.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING DRAG AND DROP ANALYTICS IN A DYNAMIC DATA VISUALIZATION INTERFACE**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES ANALYSES DE GLISSER-DEPOSER DANS UNE INTERFACE DE VISUALISATION DE DONNEES DYNAMIQUE**
[72] KIM, JUN, US
[72] STOLTE, CHRISTOPHER RICHARD, US
[72] MACKINLAY, JOCK DOUGLAS, US
[72] STEWART, ROBIN, US
[72] BERAN, BORA, US
[72] TALBOT, JUSTIN, US
[72] RUETER, MARC, US
[71] TABLEAU SOFTWARE, INC., US
[85] 2017-03-08
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[30] US (62/047,579) 2014-09-08
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[54] **IMPROVEMENTS IN AND RELATING TO OPHTHALMOSCOPES**
[54] **AMELIORATIONS APPORTEES A DES OPHTALMOSCOPES ET SE RAPPORTANT A CEUX-CI**
[72] MUYO, GONZALO, GB
[72] SWAN, DEREK, GB
[71] OPTOS PLC, GB
[85] 2017-03-07
[86] 2015-08-25 (PCT/GB2015/052450)
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[25] EN
[54] **THERAPY APPARATUS WITH INTEGRATED FLUID CONDUCTORS AND NOISE ATTENUATION**
[54] **APPAREIL DE THERAPIE A CONDUCTEURS DE FLUIDE INTEGRES ET ATTENUATION DE BRUIT**
[72] PRATT, BENJAMIN ANDREW, GB
[72] SEDDON, JAMES KILLINGWORTH, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] MERCER, DAVID, GB
[72] FRANCIS, LOREN, US
[71] KCI LICENSING, INC., US
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[54] **ELECTRONICALLY FUNCTIONAL YARNS**
[54] **FILS A FONCTIONNALITE ELECTRONIQUE**
[72] DIAS, TILAK KITHSIRI, GB
[72] RATHNAYAKE, ANURA, GB
[71] NOTTINGHAM TRENT UNIVERSITY, GB
[85] 2017-03-08
[86] 2015-09-04 (PCT/GB2015/052553)
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[30] GB (1415837.2) 2014-09-08

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[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0486 (2013.01) G06F 3/14 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **GRAPHICAL USER INTERFACE THAT SIMPLIFIES USER CREATION OF CUSTOM CALCULATIONS FOR DATA VISUALIZATIONS**
[54] **INTERFACE UTILISATEUR GRAPHIQUE SIMPLIFIANT LES CREATIONS D'UTILISATEURS ET LES CALCULS PERSONNALISE POUR LES VISUALISATIONS DE DONNEES**
[72] KIM, JUN, US
[72] STOLTE, CHRISTOPHER RICHARD, US
[72] MACKINLAY, JOCK DOUGLAS, US
[72] STEWART, ROBIN, US
[72] BERAN, BORA, US
[72] TALBOT, JUSTIN, US
[72] WILDENRADT, CLARK, US
[71] TABLEAU SOFTWARE, INC., US
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[30] US (62/046,794) 2014-09-05
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[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD FOR AUTOMATICALLY GENERATING REPRESENTATIONS OF IMAGING DATA AND INTERACTIVE VISUAL IMAGING REPORTS (IVIR)**
[54] **PROCEDE DE GENERATION AUTOMATIQUE DE REPRESENTATIONS DE DONNEES D'IMAGERIE ET DE RAPPORTS D'IMAGERIE VISUELS INTERACTIFS (IVIR)**
[72] FELDMAR, JACQUES, FR
[72] BANEGAS, FREDERIC, FR
[72] GALLIX, BENOIT, CA
[71] INTRASENSE, FR
[71] GALLIX, BENOIT, CA
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[87] (WO2016/038159)
[30] EP (14306396.4) 2014-09-10

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[54] **METHOD AND APPARATUS FOR DISEASE DETECTION**
[54] **PROCEDE ET APPAREIL DE DETECTION DE MALADIES**
[72] HATLELID, JOHN, US
[72] LUDWIG, JOHN R., JR., US
[72] O'NEILL, STEPHEN WILLIAM, JR., US
[72] DRAUGELIS, MIKE, US
[71] LEIDOS INNOVATIONS TECHNOLOGY, INC., US
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[54] **BOITIER DE CATHETER COMPRENANT DES MOYENS DE REDRESSEMENT DE CATHETER**
[72] CULLY, EDWARD H., US
[72] GOEPFRICH, JAMES L., US
[72] HARDIE, WILLIAM G., US
[72] TORREZ, RAYMOND P., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **SURGICAL NAVIGATION SYSTEM USING IMAGE SEGMENTATION**
[54] **SYSTEME DE NAVIGATION CHIRURGICALE UTILISANT UNE SEGMENTATION D'IMAGE**
[72] JAGGA, VICTOR, CA
[72] PIRON, CAMERON, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-03-10
[86] 2014-09-15 (PCT/CA2014/050872)
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[51] **Int.Cl. A61M 3/02 (2006.01)**
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[54] **A CONTAINER**
[54] **RECIPIENT**
[72] FROSTAA, ISAK, SE
[72] FALLEBOE, HANS, DK
[72] HICKMOTT, RICHARD MORGAN, DK
[72] HVID, NIELS, DK
[71] COLOPLAST A/S, DK
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[54] **SYSTEM AND METHOD FOR EARLY DETECTION OF POST-SURGERY INFECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION PRECOCE D'INFECTION POST-CHIRURGICALE**
[72] BAYON, YVES, FR
[71] SOFRADIM PRODUCTION, FR
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[86] 2015-09-25 (PCT/IB2015/001971)
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[25] EN
[54] **DEVICE**
[54] **DISPOSITIF**
[72] WRIGGLESWORTH, DAVID, GB
[72] BRADLEY, WILLIAM JAMES, GB
[71] MARS, INCORPORATED, US
[85] 2017-03-10
[86] 2015-09-11 (PCT/GB2015/052645)
[87] (WO2016/042300)
[30] GB (1416453.7) 2014-09-17
[30] GB (1416455.2) 2014-09-17

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[54] **COMPOSITIONS COMPRISING CURABLE RESIN FOR ANTI-STATIC FLOORING**
[54] **COMPOSITIONS COMPRENANT UNE RESINE DURCISSABLE POUR REVETEMENT DE SOL ANTISTATIQUE**
[72] PERAIRE, JOSE LUIS MIQUEL, ES
[72] NOROZE, MAKAN, ES
[72] MARTINEZ, JAVIER PEREZ, ES
[71] ASHLAND LICENSING AND INTELLECTUAL PROPERTY LLC, US
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[54] **DISPENSER FOR SPRAYING POWDER AND POWDER SPRAYER INCLUDING SAME**
[54] **DISTRIBUTEUR PERMETTANT DE PULVERISER DE LA POUDRE ET PULVERISATEUR DE POUDRE LE COMPRENANT**
[72] LEE, DON HAENG, KR
[72] PARK, JONG CHAE, KR
[72] LEE, EUNHYE, KR
[72] KIM, KEUN SU, KR
[71] UTAH-INHA DDS & ADVANCED THERAPEUTICS RESEARCH CENTER, KR
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[54] **TRACKING MARKER SUPPORT STRUCTURE AND SURFACE REGISTRATION METHODS EMPLOYING THE SAME FOR PERFORMING NAVIGATED SURGICAL PROCEDURES**
[54] **STRUCTURE DE SUPPORT DE MARQUEUR DE GUIDAGE ET PROCEDES D'ALIGNEMENT DE SURFACE L'UTILISANT POUR PRATIQUER DES INTERVENTIONS CHIRURGICALES PAR NAVIGATION**
[72] SIEGLER, PETER, CA
[72] LEUNG, MICHAEL KA KIT, CA
[72] MARIAMPILLAI, ADRIAN, CA
[72] STANDISH, BEAU ANTHONY, CA
[72] YANG, VICTOR X.D., CA
[71] 7D SURGICAL INC., CA
[85] 2017-03-13
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[54] **A HARNESS**
[54] **HARNAIS**
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[72] JONES, IAN, GB
[71] THALES HOLDINGS UK PLC, GB
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[25] EN
[54] **DEVICE**
[54] **DISPOSITIF**
[72] WRIGGLESWORTH, DAVID, GB
[72] BRADLEY, WILLIAM JAMES, GB
[71] MARS, INCORPORATED, US
[85] 2017-03-13
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[54] **ASSEMBLY SYSTEM, ATTACHMENT DEVICE AND METHOD FOR ATTACHING A LAMP AND LAMP WITH AN ATTACHMENT DEVICE**
[54] **SYSTEME D'ASSEMBLAGE, DISPOSITIF DE FIXATION ET PROCEDE DE FIXATION D'UNE LAMPE, ET LAMPE COMPRENANT UN DISPOSITIF DE FIXATION**
[72] HOFFMEISTER, OLIVER, DE
[71] HOFFMEISTER LEUCHTEN GMBH, DE
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[86] 2015-09-15 (PCT/EP2015/071126)
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[54] **LAMP FOR THE INSTALLATION IN AN ELECTRIC CABINET, ELECTRIC CABINET AND OPTICAL DEVICE**
[54] **LAMPE POUR L'INSTALLATION DANS UNE ARMOIRE ELECTRIQUE, ARMOIRE ELECTRIQUE ET DISPOSITIF OPTIQUE**
[72] HOFFMEISTER, OLIVER, DE
[71] HOFFMEISTER LEUCHTEN GMBH, DE
[85] 2017-03-13
[86] 2015-09-15 (PCT/EP2015/071127)
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[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING AND DISTRIBUTING OPTIMIZED LIFE INSURANCE PACKAGES AND VISUAL REPRESENTATIONS THEREOF**
[54] **PROCEDE ET SYSTEME DE GENERATION ET DE DISTRIBUTION DE REGIMES D'ASSURANCE-VIE OPTIMISES ET REPRESENTATIONS VISUELLES ASSOCIEES**
[72] SAMUELS, JONATHAN H., US
[71] INSAMCO HOLDINGS, LLC, US
[85] 2017-03-13
[86] 2015-09-14 (PCT/US2015/049920)
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[25] EN
[54] **UNIVERSAL MOUNTING CLIP FOR SIGNAL-CARRYING CABLES**
[54] **CLIP DE MONTAGE UNIVERSEL POUR CABLES DE TRANSPORT DE SIGNAL**
[72] LAWRENCE, MICHAEL E., US
[72] HANSON, BRIAN K., US
[71] PPC BROADBAND, INC., US
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[54] **DIAGNOSTIC METHODS AND COMPOSITIONS**
[54] **PROCEDES ET COMPOSITIONS DE DIAGNOSTIC**
[72] PATEL, PRANAV, US
[72] WU, INDIRA, US
[72] RICHARDSON, AARON, US
[72] BELHOCINE, KAMILA, US
[72] LEE, JOSEPHINE, US
[72] TABAKMAN, SCOTT, US
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[54] **COMPOUNDS AND METHODS**
[54] **COMPOSES ET METHODES**
[72] LI, PENG, US
[72] ZHENG, HAILIN, US
[72] ZHAO, JUN, US
[72] WENNOGLE, LAWRENCE, US
[71] INTRA-CELLULAR THERAPIES, INC., US
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[54] **METHODS AND SYSTEMS FOR DIAGNOSTIC MAPPING OF BLADDER**
[54] **METHODES ET SYSTEMES DE CARTOGRAPHIE DIAGNOSTIQUE DE LA VESSIE**
[72] HO DUC, HONG LINH, US
[72] VASANJI, AMIT, US
[71] TARIS BIOMEDICAL LLC, US
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[54] **METHOD FOR CONTROLLING AN ALUMINA FEED TO ELECTROLYTIC CELLS FOR PRODUCING ALUMINIUM**
[54] **PROCEDE DE COMMANDE D'ALIMENTATION EN OXYDE D'ALUMINIUM DANS UN ELECTROLYSEUR**
[72] SIMAKOV, DMITRIY ALEKSANDROVICH, RU
[72] GUSEV, ALEKSANDR OLEGOVICH, RU
[72] BAKIN, KIRILL BORISOVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
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[54] **NAVIGATIONAL AID WITH ADAPTIVE RADAR**
[54] **AIDE A LA NAVIGATION AVEC RADAR ADAPTATIF**
[72] HIRVONEN, MERVI, FI
[72] KIURU, TERO, FI
[72] HAKLI, JANNE, FI
[72] PURSULA, PEKKA, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[54] **NON-WOVEN FABRIC CONTAINING MICROENCAPSULATED ESSENTIAL OILS FOR PRESERVATION OF CROPS**
[54] **TISSU NON TISSE CONTENANT DES HUILES ESSENTIELLES MICROENCAPSULEES POUR LA CONSERVATION DE CULTURES**
[72] GEZUNDHAIT, YIGAL, IL
[72] PELAH, AVISHAY, IL
[71] BOTANOCAP LTD., IL
[85] 2017-03-14
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[25] EN
[54] **DEVICE**
[54] **DISPOSITIF**
[72] WRIGGLESWORTH, DAVID, GB
[72] BRADLEY, WILLIAM JAMES, GB
[71] MARS INCORPORATED, US
[85] 2017-03-14
[86] 2015-09-11 (PCT/GB2015/052648)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR TREATING ULCERATIVE COLITIS**
[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITER UNE RECTOCOLITE HEMORRAGIQUE**
[72] KAGEYAMA, SHUNSUKE, JP
[72] GODA, YOSHIKI, JP
[72] SUGIURA, TOSHIHIKO, JP
[71] EA PHARMA CO., LTD., JP
[85] 2017-03-14
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[54] **HEADSET FOR NEUROSTIMULATION AND SENSING OF BODY PARAMETERS**
[54] **CASQUE POUR LA NEUROSTIMULATION ET LA DETECTION DE PARAMETRES CORPORELS**
[72] DAR, AMIT, IL
[72] BAR-OR, JONATHAN, IL
[72] COHEN, AMIR, IL
[72] BELSON, RON, IL
[71] NEUROLIEF LTD., IL
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[54] **IDENTIFICATION OF MATERIAL TYPE AND CONDITION IN A DRY BULK MATERIAL STORAGE BIN**
[54] **IDENTIFICATION DE TYPE ET D'ETAT DE MATERIAU DANS UN SILO DE STOCKAGE DE MATERIAU EN VRAC SEC**
[72] HOLDEN, KRISTIN KATHERINE, US
[72] FREESE, ROBERT PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **HOOP LOCK WITH ANTI-ROTATION FEATURES**
[54] **DISPOSITIF DE VERROUILLAGE EN ARCEAU DOTE D'ELEMENTS ANTI-ROTATION**
[72] KINDSTRAND, DANIEL HUGH, US
[72] KUMAR, HASSAN CHARAN, IN
[72] RAMAKRISHNA, MANJUNATHA, IN
[72] MILLER, DAVID BRUCE, US
[71] SCHLAGE LOCK COMPANY LLC, US
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[54] **SOLIDS CONTROL METHODS, APPARATUS, AND SYSTEMS**
[54] **PROCEDES, APPAREIL ET SYSTEMES DE REGLAGE DE TENEUR EN MATIERES SOLIDES**
[72] ROGERS, HENRY EUGENE, US
[72] MALAVE, MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MODELING OF INTERACTIONS BETWEEN FORMATION AND DOWNHOLE DRILLING TOOL WITH WEARFLAT**
[54] **MODELISATION D'INTERACTIONS ENTRE UNE FORMATION ET UN OUTIL DE FORAGE EN FOND DE TROU PRESENTANT UN ARASEMENT**
[72] LING, XIANWU, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-11-20 (PCT/US2014/066533)
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[54] **INJECTION OF WATER IN ELECTROCHEMICAL SYSTEMS**
[54] **INJECTION D'EAU DANS DES SYSTEMES ELECTROCHIMIQUES**
[72] MILNES, THOMAS B., US
[72] MCKAY, IAN, US
[72] HUMPLIK, THOMAS, US
[71] OPEN WATER POWER, INCORPORATED, US
[85] 2017-03-14
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[51] **Int.Cl. G06Q 10/06 (2012.01)**
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[54] **COMPUTER-BASED SYSTEM AND METHOD FOR FLEXIBLE PROJECT MANAGEMENT**
[54] **SYSTEME INFORMATISE ET PROCEDE DE GESTION FLEXIBLE DE PROJETS**
[72] FERNANDEZ, ALEXANDER L., US
[72] FERNANDEZ, HECTOR R., US
[72] BAIER, STEFAN, MY
[72] FLOWER, DANIEL OWEN, MY
[71] STREAMLINE MEDIA GROUP, INC., US
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[30] US (61/878,985) 2013-09-17
[30] US (61/886,942) 2013-10-04
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[54] **DEPLOYABLE FLEXIBLE FLOOD MITIGATION WALL**
[54] **PAROI D'ATTENUATION D'INONDATION SOUPLE ET DEPLOYABLE**
[72] CADOGAN, DAVID PHILLIP, US
[72] HINKLE, JONATHAN MICHAEL, US
[72] SANDY, CHARLES RALPH, US
[72] KNOLL, CARL FRANK, US
[71] ILC DOVER LP, US
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[54] **FAIL SAFE AIRCRAFT MONITORING AND TRACKING**
[54] **SURVEILLANCE ET SUIVI D'AVION A SURETE INTEGREE**
[72] SCHMUTZ, THOMAS R., US
[72] CARRO, EDUARDO M., US
[72] NEMAT, AYAZ, US
[72] REILLY, SEAN P., US
[71] L-3 COMMUNICATIONS CORPORATION, US
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[54] **IMPAIRMENT DETECTION**
[54] **DETECTION DE DEFICIENCE**
[72] LOBNER, ERIC C., US
[72] HOWARD, JAMES W., US
[72] SCHUMACHER, JENNIFER F., US
[72] STANKIEWICZ, BRIAN J., US
[72] WEAVER, BILLY L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROPPANT COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS D'AGENT DE SOUTENEMENT ET PROCEDES D'UTILISATION**
[72] CANNAN, CHAD, US
[72] PALISCH, TERRENCE, US
[72] KEMP, RICHARD A., US
[72] BOYLE, TIMOTHY J., US
[72] HERNANDEZ-SANCHEZ, BERNADETTE A., US
[72] MILLER, JAMES E., US
[71] CARBO CERAMICS INC., US
[71] SANDIA CORPORATION, US
[71] STC.UNM, US
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[54] **TREATMENT OF FIBROTIC DISEASES**
[54] **TRAITEMENT DE MALADIES FIBROTIQUES**
[72] CAIN, JENNIFER ANNE, US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2017-03-14
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[51] **Int.Cl. A61K 38/00 (2006.01)**
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[54] **COMPOSITIONS AND METHODS FOR TREATING ACUTE RADIATION SYNDROME**
[54] **COMPOSITIONS ET METHODES PERMETTANT LE TRAITEMENT D'UN SYNDROME D'IRRADIATION AIGUE**
[72] BARNEA, EYTAN R., US
[71] BIOINCEPT, LLC, US
[85] 2017-03-14
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[54] **COMPOSITIONS DE POLYPHENOL/FLAVONOIDE ET PROCEDES DE FORMULATION DE PRODUITS D'HYGIENE BUCCALE**
[72] BIRBARA, PHILIP J. (DECEASED), US
[72] CUMMINGS, JEFFREY S., US
[72] GINTER, KARL, US
[72] RAMAN, KRISHNA, US
[71] VIZURI HEALTH SCIENCES LLC, US
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[72] DESCHUTTER, DOUG, US
[72] COTTREAU, MARTIN, US
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[71] WORKTOOLS, INC., US
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[54] **INHIBITEUR DE L'INDOLEAMINE-2,3-DIOXYGENASE ET SON PROCEDE DE PREPARATION**
[72] WANG, ZHAOYIN, CN
[72] GUO, WEI, CN
[72] ZHU, JIDONG, CN
[71] SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, CHINESE ACADEMY OF SCIENCES, CN
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[54] **CONTROLE DE PRODUITS DE CONDENSAT D'ABLATION LASER DANS DES SYSTEMES D'IMPRESSION 3D**
[72] GUERRIER, PAUL, GB
[72] BROOKS, IAN L., GB
[71] MOOG INC., US
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[54] **MEDICAL DEVICES AND RELATED METHODS OF USE**
[54] **DISPOSITIFS MEDICAUX ET LEURS PROCEDES D'UTILISATION CONNEXES**
[72] OSKIN, CHRISTOPHER L., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **RATTRAPE-JEU COMPRENANT UN BOITIER EN UNE PIECE**
[72] HUBER, HOWARD E., US
[72] GIBSON, ANN, US
[71] NEW YORK AIR BRAKE LLC, US
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[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[54] **COMPOSITION CANNABINOIDE ET METHODE DE TRAITEMENT DE LA DOULEUR**
[72] MUKUNDA, RAMACHANDRA, US
[72] KRISHNA, RANGA CHELVA, US
[71] INDIA GLOBALIZATION CAPITAL, INC., US
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[54] **IDENTIFICATION DE L'ETAT DE LA FERTILITE MASCULINE PAR DETERMINATION DE LA CAPACITATION DU SPERME**
[72] TRAVIS, ALEXANDER J., US
[72] PALERMO, GIANPIERO, US
[71] CORNELL UNIVERSITY, US
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[54] **IDENTIFICATION DE CIBLE D'ACIDE NUCLEIQUE PAR CLIVAGE DE SONDE REPOSANT SUR UNE STRUCTURE**
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[72] SHELDON, GLORIA T., US
[72] STICKA, SHANNA, US
[72] TRAN, LISA, US
[72] CHIDICHIMO, DARCI, US
[72] OH, DONNA, US
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[72] FORDE, COLIN, IE
[72] ALLEN, WAYNE, IE
[72] SHERIDAN, WILLIAM, IE
[72] GILSON, PAUL, IE
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[54] **ANTICORPS ANTI-FGFR2/3 ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] ASHKENAZI, AVI, US
[72] YIN, YIYUAN, US
[72] CARTER, PAUL, US
[72] CHEN, MARK, US
[72] SONODA, JUNICHIRO, US
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[54] **SYNTHESE ET REGULATION DU POIDS MOLECULAIRE DE DIOLS DE POLYESTER ALIPHATIQUES**
[72] NARINE, SURESH, CA
[72] LI, SHAOJUN, CA
[72] JOSE, JESMY, CA
[72] SHETRANJIWALLA, SHEGUFTA, CA
[72] BOUZIDI, LAZIZ, CA
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[72] GOKHALE, UDAY BALKRISHNA, IN
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[54] **VARIANTS DE GLUCOAMYLASE ET POLYNUCLEOTIDES LES ENCODANT**
[72] FUKUYAMA, SHIRO, JP
[72] TSUTSUMI, NORIKO, JP
[72] AYABE, KEIICHI, JP
[71] NOVOZYMES A/S, DK
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[54] **DIISOCYANATE D'ORIGINE BIOLOGIQUE ET PROLONGATEURS DE CHAINE DANS DES POLYESTER URETHANES THERMOPLASTIQUES SEGMENTES CRISTALLINS**
[72] NARINE, SURESH, CA
[72] LI, SHAOJUN, CA
[72] JOSE, JESMY, CA
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[71] TRENT UNIVERSITY, CA
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[54] **PROCEDE ET APPAREIL DE COMMANDE D'UNE CHARGE**
[72] ZIV, AMICHAI, IL
[71] SWITCHBEE LTD., IL
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[54] **CONFIGURATION D'OUTIL DE STIMULATION CEREBRALE**
[72] GEVA, AMIR B., IL
[72] PEREMEN, ZIV, IL
[72] STERN, YAKI, IL
[72] RECHES, AMIT, IL
[71] ELMINDA LTD., IL
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[54] **CONDUCTEURS EFFICACES EN ENERGIE A POINTS DE COUDE THERMIQUE REDUITS, ET LEUR PROCEDE DE FABRICATION**
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[54] **FIBRE POUR L'ADSORPTION DES PROTEINES ET COLONNE POUR L'ADSORPTION DES PROTEINES**
[72] KASUYA, JUNICHI, JP
[72] TOMITA, NAOTOSHI, JP
[72] UENO, YOSHIYUKI, JP
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[54] **IMAGE ANALYSIS APPARATUS, IMAGE ANALYSIS METHOD, AND PROGRAM**
[54] **DISPOSITIF D'ANALYSE D'IMAGE, PROCEDE D'ANALYSE D'IMAGE, ET PROGRAMME**
[72] HISHIDA, HIROYUKI, JP
[72] INAGAKI, KOICHI, JP
[72] NAKAMURA, TAKESHI, JP
[72] HASEGAWA, YU, JP
[72] SUZUKI, HIROMASA, JP
[72] MICHIKAWA, TAKASHI, JP
[72] OHTAKE, YUTAKA, JP
[72] KONDO, SUGURU, JP
[71] IHI CORPORATION, JP
[71] THE UNIVERSITY OF TOKYO, JP
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[72] TROMBETTA, LIBERATORE, CA
[72] FU, YUCHENG, CA
[72] HANNESON, SCOTT, CA
[71] 2266170 ONTARIO INC., CA
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[54] **COMPOSITION POUR ADMINISTRATION ORALE ET PROCEDES DE PREVENTION DES ADDICTIONS PAR ADMINISTRATION INTRANASALE**
[72] SHAH, MANISH S., US
[72] DIFALCO, RAY J., US
[72] AIGNER, STEFAN, US
[71] INSPIRION DELIVERY TECHNOLOGIES, LLC, US
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[54] **CUILLERE DE CIMENTATION ACTIONNEE PAR CABLE ET PROCEDE POUR DECHARGER UN MATERIAU DANS UN PUITS**
[72] HAUGLAND, LASSE, NO
[71] QINTERRA TECHNOLOGIES AS, NO
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[54] **TRAITEMENT ET GUERISON FONCTIONNELLE DE L'INFECTION PAR LE VIH PAR DES ANTICORPS MONOCLONAUX CD4 MEDIANT UNE INHIBITION COMPETITIVE D'UNE ENTREE DU VIH**
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[71] UBI IP HOLDINGS, KY
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[71] RIEKE CORPORATION, US
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[54] **SYSTEME D'EXTRACTION AU GAZ ET DE POMPE DE SURPRESSION DE FOND DE MER ET PROCEDE DE PRODUCTION D'UN PUITS SOUS-MARIN**
[72] PORTMAN, LANCE, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **COMPOSITIONS AND METHODS FOR BREAKING HYDRAULIC FRACTURING FLUIDS**
[54] **COMPOSITIONS ET PROCEDES DE RUPTURE DES FLUIDES DE FRACTURATION HYDRAULIQUE**
[72] DESPOTOPOULOU, MARINA, US
[72] PALYS, LEONARD H., US
[72] ABRAMS, MICHAEL B., US
[72] BRENNAN, JOSEPH M., US
[72] SWAN, SCOT A., US
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[54] **PROCEDE ET APPAREIL DE PRODUCTION D'ASTAXANTHINE**
[72] CARBERRY, JOHN, US
[72] CARBERRY, MATTHEW JOHN, US
[72] TAGRIN, DENNIS STEVEN, US
[71] SUSTAINABLE AQUATICS, INC., US
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[54] **STIMULATEURS DE SGC**
[72] RENNIE, GLEN ROBERT, US
[72] PERL, NICHOLAS, US
[72] MERMERIAN, ARA, US
[72] JUNG, JOON, US
[72] JIA, JAMES, US
[72] IYENGAR, RAJESH R., US
[72] IM, G-YOON JAMIE, US
[72] BARDEN, TIMOTHY CLAUDE, US
[72] SHEPPECK, JAMES EDWARD, US
[72] RENHOWE, PAUL ALLAN, US
[72] NAKAI, TAKASHI, US
[72] LEE, THOMAS WAI-HO, US
[72] IYER, KARTHIK, US
[71] IRONWOOD PHARMACEUTICALS, INC., US
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[54] **PLANCHE A ROULETTES A DOUBLE-ESSIEU, BLOC-ESSIEU, ET PROCEDE AFFERENT**
[72] MARUSIAK, JOHN R., US
[72] SOLHEIM, JOHN A., US
[72] COLE, ERIC V., US
[71] KARSTEN MANUFACTURING CORPORATION, US
[85] 2017-03-15
[86] 2015-09-11 (PCT/US2015/049596)
[87] (WO2016/044081)
[30] US (14/487,955) 2014-09-16
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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **IMPROVED SINGLE MOLECULE PEPTIDE SEQUENCING**
[54] **SEQUENCAGE AMELIORE DES PEPTIDES D'UNE SEULE MOLECULE**
[72] MARCOTTE, EDWARD, US
[72] ANSLYN, ERIC V., US
[72] ELLINGTON, ANDREW, US
[72] SWAMINATHAN, JAGANNATH, IN
[72] HERNANDEZ, ERIK, US
[72] JOHNSON, AMBER, US
[72] BOULGAKOV, ALEXANDER, US
[72] BACHMAN, JAMES L., US
[72] SEIFERT, HELEN, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-03-15
[86] 2015-09-15 (PCT/US2015/050099)
[87] (WO2016/069124)
[30] US (62/050,462) 2014-09-15

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[13] A1
[51] **Int.Cl. B65D 41/04 (2006.01)**
[25] EN
[54] **CAP ASSEMBLY HAVING INSIDE SEAL**
[54] **ENSEMBLE DE BOUCHON COMPORTANT UN JOINT D'ETANCHEITE INTERIEUR**
[72] CONLEY, DALE, US
[72] BROERMAN, MARK, US
[71] DSG TECHNOLOGY LLC, US
[85] 2017-03-15
[86] 2015-09-16 (PCT/US2015/050491)
[87] (WO2016/044460)
[30] US (62/051,213) 2014-09-16
[30] US (62/136,847) 2015-03-23

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[51] **Int.Cl. H04J 3/14 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF MANAGING COMMUNICATION ENDPOINTS**
[54] **SYSTEMES ET PROCEDES DE GESTION DE POINTS D'EXTREMITE DE COMMUNICATION**
[72] NEMER, ALLEN, US
[72] LEHMANN, TODD, US
[72] ZHAO, WEI, US
[72] LI, SHALDON, US
[71] INEMSOFT, INC., US
[85] 2017-03-15
[86] 2015-09-15 (PCT/US2015/050109)
[87] (WO2016/044220)
[30] US (62/051,067) 2014-09-16

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 30/02 (2012.01) G06Q 50/20 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATING THE ACCOUNTABILITY OF SERVICE PROFESSIONALS VIA CONSUMER EDUCATION AND RATING**
[54] **PROCEDE ET SYSTEME POUR AUTOMATISER LA COMPTABILITE DE PROFESSIONNELS DES SERVICES PAR L'INTERMEDIAIRE DE L'EDUCATION ET DE LA NOTATION DE CLIENT**
[72] MICHONSKI, DAVID, US
[71] MICHONSKI, DAVID, US
[85] 2017-03-15
[86] 2015-09-16 (PCT/US2015/050525)
[87] (WO2016/044486)
[30] US (62/051,908) 2014-09-17
[30] US (62/139,704) 2015-03-28

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[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01)**
[25] EN
[54] **SEPARABLE SPECIMEN COLLECTION DEVICE**
[54] **DISPOSITIF DE COLLECTE DE SPECIMEN SEPARABLE**
[72] OLIVA, RYAN, US
[72] HECHT, STEVEN, US
[72] KAUFMAN, HOWARD B., US
[71] HOLOGIC, INC., US
[85] 2017-03-15
[86] 2015-09-17 (PCT/US2015/050551)
[87] (WO2016/044508)
[30] US (62/051,675) 2014-09-17

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[13] A1
[51] **Int.Cl. G01N 33/60 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **HSP90-TARGETED INFLAMMATION AND INFECTION IMAGING AND THERAPY**
[54] **IMAGERIE ET THERAPIE D'UNE INFLAMMATION ET D'UNE INFECTION CIBLANT HSP90**
[72] DUNPHY, MARK, US
[72] CHIOSIS, GABRIELA, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-03-15
[86] 2015-09-17 (PCT/US2015/050753)
[87] (WO2016/044629)
[30] US (62/051,590) 2014-09-17

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[13] A1
[51] **Int.Cl. C22B 3/00 (2006.01) C22B 4/08 (2006.01) C22B 9/18 (2006.01) C22B 19/12 (2006.01) H05B 7/06 (2006.01)**
[25] EN
[54] **A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION**
[54] **SYSTEME, APPAREIL ET PROCEDE DE LIXIVIATION DE METAL ET DE STOCKAGE D'ENERGIE THERMIQUE PENDANT L'EXTRACTION DE METAUX**
[72] GODINEZ, ANDRES, MX
[72] GERVASIO, DOMINIC FRANCIS, US
[72] ELSENTRIECY, HASSAN H., US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[71] METOXS PTE. LTD., SG
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/048823)
[87] (WO2016/040244)
[30] US (62/047,731) 2014-09-09

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[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **INFUSED AND COATED PROPPANT CONTAINING CHEMICAL TREATMENT AGENTS AND METHODS OF USING SAME**
[54] **AGENT DE SOUTENEMENT PERFUSE ET REVETU CONTENANT UN AGENT DE TRAITEMENT CHIMIQUE ET SES PROCEDES D'UTILISATION**
[72] DUENCKEL, ROBERT, US
[72] CONNER, MARK, US
[72] CANNAN, CHAD, US
[72] ROPER, TODD, US
[72] LEASURE, JOSHUA, US
[72] LIENG, THU, US
[72] CADY, DANIEL, US
[72] READ, PETER A., GB
[71] CARBO CERAMICS INC., US
[85] 2017-03-15
[86] 2015-09-17 (PCT/US2015/050759)
[87] (WO2016/085559)
[30] US (62/051,719) 2014-09-17

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[13] A1
[51] **Int.Cl. C25D 5/02 (2006.01) C25D 5/08 (2006.01) C25D 5/14 (2006.01)**
[25] EN
[54] **NICKEL-CHROMIUM NANOLAMINATE COATING OR CLADDING HAVING HIGH HARDNESS**
[54] **REVETEMENT NANOSTRATIFIE OU GAINAGE DE NICKEL-CHROME PRESENTANT UNE DURETEE ELEVEE**
[72] SKLAR, GLENN, US
[71] MODUMETAL, INC., US
[85] 2017-03-15
[86] 2015-09-18 (PCT/US2015/050910)
[87] (WO2016/044708)
[30] US (62/052,437) 2014-09-18

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[13] A1
[51] **Int.Cl. B32B 15/04 (2006.01) C25D 5/02 (2006.01) C25D 21/10 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING ARTICLES BY ELECTRODEPOSITION AND ADDITIVE MANUFACTURING PROCESSES**
[54] **PROCEDES DE PREPARATION D'ARTICLES PAR PROCEDES DE DEPOT ELECTROCHIMIQUE ET DE FABRICATION RAPIDE**
[72] WHITAKER, JOHN D., US
[72] CALDWELL, RICHARD J., US
[72] JENNINGS, CHAD, US
[71] MODUMETAL, INC., US
[85] 2017-03-15
[86] 2015-09-18 (PCT/US2015/050920)
[87] (WO2016/044712)
[30] US (62/052,428) 2014-09-18

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[13] A1
[51] **Int.Cl. C25D 17/28 (2006.01) B65G 49/02 (2006.01) C25D 21/10 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR CONTINUOUSLY APPLYING NANOLAMINATE METAL COATINGS**
[54] **PROCEDE ET APPAREIL D'APPLICATION EN CONTINU DE REVETEMENTS METALLIQUES NANOSTRATIFIES**
[72] LOMASNEY, CHRISTINA A., US
[71] MODUMETAL, INC., US
[85] 2017-03-15
[86] 2015-09-18 (PCT/US2015/050932)
[87] (WO2016/044720)
[30] US (62/052,345) 2014-09-18

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR DETECTING AND IDENTIFYING MICROORGANISMS**
[54] **PROCEDES ET DISPOSITIFS POUR DETECTER ET IDENTIFIER DES MICRO-ORGANISMES**
[72] SINGER, ALON, US
[72] PRAKASH, RANJIT, US
[72] RAPIREDDY, SRINIVAS, US
[72] NOLLING, JORK, US
[71] HELIXBIND, INC., US
[85] 2017-03-15
[86] 2015-09-17 (PCT/US2015/050741)
[87] (WO2016/044621)
[30] US (62/051,447) 2014-09-17

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **ANTI-IL-25 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-IL-25 ET LEURS UTILISATIONS**
[72] ORENGO, JAMIE M., US
[72] ALLINNE, JEANNE, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-03-15
[86] 2015-09-22 (PCT/US2015/051407)
[87] (WO2016/049000)
[30] US (62/054,167) 2014-09-23

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR MANAGING/CONTROLLING ENERGY PRODUCTION AND/OR ENERGY STORAGE SYSTEMS**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR GERER/COMMANDER DES SYSTEMES DE PRODUCTION D'ENERGIE ET/OU DE STOCKAGE D'ENERGIE**
[72] BLACKHALL, LACHLAN JOHN EMBLEN, AU
[72] SPACCAVENTO, CORRADO DEAN PAUL, AU
[71] REPOSIT POWER PTY LTD, AU
[85] 2017-03-16
[86] 2015-09-16 (PCT/AU2015/000573)
[87] (WO2016/040991)
[30] US (62/051,597) 2014-09-17

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[13] A1
[51] **Int.Cl. C12N 9/02 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 16/40 (2006.01) C12Q 1/26 (2006.01) C12Q 1/37 (2006.01) C40B 30/04 (2006.01) C40B 40/10 (2006.01) G01N 33/48 (2006.01) G01N 33/483 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **MARKERS FOR MOOD DISORDERS**
[54] **MARQUEURS DES TROUBLES DE L'HUMEUR**
[72] MEYER, JEFFREY, CA
[72] EVANS, KEN, CA
[72] CHEN, JIAN, CA
[72] ACKLOO, SUZANNE, CA
[72] DHARSEE, MOYEZ, CA
[71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA
[85] 2017-03-16
[86] 2015-10-01 (PCT/CA2015/050990)
[87] (WO2016/049770)
[30] US (62/058,286) 2014-10-01

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[13] A1
[51] **Int.Cl. A61F 13/08 (2006.01) A61F 5/00 (2006.01)**
[25] EN
[54] **PIEZOELECTRIC COMPRESSION STOCKING**
[54] **BAS DE CONTENTION PIEZOELECTRIQUE**
[72] VAN-DE-VELDE, PETER FRANCIS, CA
[71] DAJUSTCO IP HOLDINGS INC., CA
[85] 2017-03-16
[86] 2015-05-07 (PCT/CA2015/000318)
[87] (WO2016/041054)
[30] US (62/052,270) 2014-09-18

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **IMMUNOGENIC/THERAPEUTIC GLYCOCONJUGATE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE GLYCOCONJUGUES IMMUNOGENES/THERAPEUTIQUES ET UTILISATIONS DESDITES COMPOSITIONS**
[72] YU, CHENG-DER TONY, TW
[72] HSIEH, YIH HUANG, TW
[72] CHEN, I-JU, TW
[72] LEE, WEI-HAN, TW
[72] WANG, NAN-HSUAN, TW
[71] OBI PHARMA, INC., TW
[85] 2017-03-15
[86] 2015-09-15 (PCT/US2015/050270)
[87] (WO2016/044326)
[30] US (62/050,567) 2014-09-15

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[13] A1
[51] **Int.Cl. G06T 7/33 (2017.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANATOMY-BASED REGISTRATION OF MEDICAL IMAGES ACQUIRED WITH DIFFERENT IMAGING MODALITIES**
[54] **SYSTEMES ET PROCEDES D'ALIGNEMENT FONDE SUR L'ANATOMIE D'IMAGES MEDICALES ACQUISES AU MOYEN DE MODALITES D'IMAGERIE DIFFERENTES**
[72] PIRON, CAMERON, CA
[72] STAINSBY, JEFF, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-03-16
[86] 2014-09-18 (PCT/IB2014/001878)
[87] (WO2016/042351)

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[13] A1
[51] **Int.Cl. A61K 31/535 (2006.01)**
[25] EN
[54] **HISTONE DEMETHYLASE INHIBITORS**
[54] **INHIBITEURS DE L'HISTONE DEMETHYLASE**
[72] CHEN, YOUNG K., US
[72] NIE, ZHE, US
[72] STAFFORD, JEFFREY ALAN, US
[72] VEAL, JAMES MARVIN, US
[71] CELGENE QUANTICEL RESEARCH, INC., US
[85] 2017-03-15
[86] 2015-09-15 (PCT/US2015/050289)
[87] (WO2016/044342)
[30] US (62/051,268) 2014-09-16

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[13] A1
[51] **Int.Cl. B65D 85/50 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **SEAFOOD CONTAINER**
[54] **RECIPIENT DE POISSONS ET FRUITS DE MER**
[72] BOUDREAU, JOSEPH EDWARD, CA
[71] 3283688 NOVA SCOTIA LIMITED, CA
[85] 2017-03-16
[86] 2015-09-16 (PCT/CA2015/000497)
[87] (WO2016/041057)
[30] CA (2,863,692) 2014-09-17

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[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION D'UN AGENT THERAPEUTIQUE**
[72] TSAI, MARK C., US
[72] GATTON, BRIAN M., JR., US
[72] KEANE, MICHAEL F., US
[72] KHAN, ISAAC J., US
[72] OBERKIRCHER, BRENDAN J., US
[72] PRICE, DANIEL W., US
[71] JANSSEN BIOTECH, INC., US
[85] 2017-03-15
[86] 2015-09-16 (PCT/US2015/050394)
[87] (WO2016/044404)
[30] US (62/052,038) 2014-09-18
[30] US (62/052,043) 2014-09-18
[30] US (62/052,059) 2014-09-18
[30] US (62/052,074) 2014-09-18
[30] US (14/843,350) 2015-09-02

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[13] A1
[51] **Int.Cl. C08G 59/20 (2006.01) B32B 3/12 (2006.01) B32B 5/28 (2006.01) C08G 59/56 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **EPOXY RESIN COMPOSITION FOR FIBER-REINFORCED COMPOSITE MATERIAL, METHOD FOR PRODUCING EPOXY RESIN COMPOSITION FOR FIBER-REINFORCED COMPOSITE MATERIAL, PREPREG, AND HONEYCOMB PANEL**
[54] **COMPOSITION DE RESINE EPOXY POUR MATERIAU COMPOSITE RENFORCE PAR DES FIBRES, PROCEDE DE PRODUCTION DE COMPOSITION DE RESINE EPOXY POUR MATERIAU COMPOSITE RENFORCE PAR DES FIBRES,PREIMPREGNE ET PANNEAU EN NID D'ABEILLES**
[72] IWATA, MITSUHIRO, JP
[72] ITO, TOMOHIRO, JP
[71] THE YOKOHAMA RUBBER CO., LTD., JP
[85] 2017-03-16
[86] 2015-06-09 (PCT/JP2015/066583)
[87] (WO2016/042857)
[30] JP (2014-191272) 2014-09-19

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[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PREVENTION AND MITIGATION OF DEEP VEIN THROMBOSIS**
[54] **APPAREIL ET PROCEDE DE PREVENTION ET D'ATTENUATION D'UNE THROMBOSE VEINEUSE PROFONDE**
[72] MUSHAHWAR, VIVIAN K., CA
[72] RAVID, EINAT, CA
[72] GRAY, DAVID SHAUN, CA
[71] BIOTECHNOLOGY AND HEALTH INNOVATIONS, INC., CA
[85] 2017-03-16
[86] 2015-09-16 (PCT/CA2015/050903)
[87] (WO2016/041078)
[30] US (62/051,186) 2014-09-16

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[13] A1
[51] **Int.Cl. F16F 15/121 (2006.01)**
[25] EN
[54] **A TORSIONAL VIBRATION DAMPER**
[54] **AMORTISSEUR DE VIBRATIONS DE TORSION**
[72] WALTERS, CHRISTOPHER PAULET MELMOTH, GB
[71] LEONARDO MW LTD, GB
[85] 2017-03-16
[86] 2014-02-25 (PCT/GB2014/050565)
[87] (WO2015/128595)

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[13] A1
[51] **Int.Cl. G01L 25/00 (2006.01) G01L 3/10 (2006.01)**
[25] EN
[54] **INSPECTION DEVICE FOR DISPLACEMENT SENSOR AND INSPECTION METHOD OF THE SAME**
[54] **DISPOSITIF D'INSPECTION DE CAPTEUR DE DEPLACEMENT ET SON PROCEDE D'INSPECTION**
[72] YAMADA, RYOTA, JP
[71] KYB CORPORATION, JP
[85] 2017-03-16
[86] 2015-09-07 (PCT/JP2015/075353)
[87] (WO2016/043085)
[30] JP (2014-189111) 2014-09-17

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[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01) C12N 5/0789 (2010.01) A61K 35/12 (2015.01) A61K 35/28 (2015.01) A61K 48/00 (2006.01) C07K 5/10 (2006.01) C12N 15/86 (2006.01) C12N 15/867 (2006.01) C07D 487/04 (2006.01) C07K 5/083 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR ENHANCING VIRAL GENE TRANSFER TO HUMAN HEMATOPOIETIC CELLS**
[54] **COMPOSES ET PROCEDE POUR L'ACCROISSEMENT DU TRANSFERT DE GENES VIRAUX VERS DES CELLULES HEMATOPOIETIQUES HUMAINES**
[72] SAUVAGEAU, GUY, CA
[72] HUMPHRIES, KEITH RICHARD, CA
[72] KIEM, HANS-PETER, US
[72] FARES, IMAN, CA
[72] CHAGRAOUI, JALILA, CA
[71] UNIVERSITE DE MONTREAL, CA
[71] BC CANCER AGENCY, CA
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2017-03-16
[86] 2015-09-17 (PCT/CA2015/050907)
[87] (WO2016/041080)
[30] US (62/052,452) 2014-09-18

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[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OBTAINING AND DISPLAYING MEDICAL DATA TO ASSIST DECISION MAKING DURING A MEDICAL EMERGENCY**
[54] **SYSTEMES ET PROCEDES D'OBTENTION ET D'AFFICHAGE DE DONNEES MEDICALES POUR UNE AIDE A LA PRISE DE DECISION LORS D'UNE URGENCE MEDICALE**
[72] GOYAL, MAYANK, CA
[71] GOYAL, MAYANK, CA
[85] 2017-03-16
[86] 2015-09-18 (PCT/CA2015/050913)
[87] (WO2016/041085)
[30] US (62/053,017) 2014-09-19
[30] US (62/134,858) 2015-03-18

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[13] A1
[51] **Int.Cl. B62B 1/14 (2006.01) B62B 1/26 (2006.01) B66F 5/02 (2006.01)**
[25] EN
[54] **LIFTING APPARATUS**
[54] **APPAREIL DE LEVAGE**
[72] JONES, JOHN, GB
[71] JONES, JOHN, GB
[85] 2017-03-16
[86] 2014-09-12 (PCT/GB2014/052782)
[87] (WO2015/036787)
[30] GB (1316467.8) 2013-09-16

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[13] A1
[51] **Int.Cl. D21H 11/18 (2006.01) H01G 11/52 (2013.01) B32B 29/00 (2006.01) C08J 5/04 (2006.01) C08J 5/24 (2006.01) D21H 13/08 (2006.01) H01G 9/02 (2006.01) H01M 2/16 (2006.01)**
[25] EN
[54] **THIN-FILM SHEET INCLUDING CELLULOSE FINE-FIBER LAYER**
[54] **FEUILLE DE FILM MINCE COMPRENANT UNE COUCHE DE FIBRE FINE DE CELLULOSE**
[72] ONO, HIROFUMI, JP
[72] TAKASU, SHUJI, JP
[72] SAITO, YAMATO, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2017-03-16
[86] 2015-09-25 (PCT/JP2015/077146)
[87] (WO2016/047764)
[30] JP (2014-197548) 2014-09-26

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[13] A1
[51] **Int.Cl. A47C 3/20 (2006.01) A47C 1/022 (2006.01)**
[25] EN
[54] **ADJUSTABLE CHAIR**
[54] **CHAISE REGLABLE**
[72] MILLER, GREG BRUCE, CA
[71] MOTION CONCEPTS L.P., CA
[85] 2017-03-16
[86] 2015-09-18 (PCT/CA2015/050917)
[87] (WO2016/041087)
[30] US (62/052,210) 2014-09-18

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[13] A1
[51] **Int.Cl. A61K 36/06 (2006.01) A61K 8/97 (2017.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **AGENT FOR PROMOTING GROWTH OF NONPATHOGENIC ORAL INDIGENOUS BACTERIA OR AGENT FOR IMPROVING ORAL BACTERIAL FLORA, AND COMPOSITION FOR ORAL USE**
[54] **AGENT DESTINE A FAVORISER LA CROISSANCE DE BACTERIES ORALES INDIGENES NON PATHOGENES OU AGENT D'AMELIORATION DE LA FLORE BACTERIENNE ORALE, ET COMPOSITION POUR USAGE ORAL**
[72] MARUYAMA, MASATO, JP
[72] KOBAYASHI, TOSHIAKI, JP
[72] KAWAI, JUNYA, JP
[72] OUCHI, KENJI, JP
[72] INATOMI, SATOSHI, JP
[71] HOKUTO CORPORATION, JP
[85] 2017-03-16
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[54] **MACHINE DE SURFACAGE DE PLANCHER**
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[72] ROSEN, MAGNUS, SE
[72] FREIDLITZ, LARS, SE
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[72] WERTENBERG, RUSSELL F., US
[72] KRAGE, JOSHUA, US
[72] RIEGEL, JACK F., US
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[54] **SYSTEME ET PROCEDE POUR UNE AGREGATION DYNAMIQUE DE PLANIFICATIONS**
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[72] WHITMIRE, THOMAS DIXON, IV, US
[72] DUNLEVY, TIMOTHY SCOTT, US
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[72] MCLINDEN, JAMES, US
[72] XIANG, JINHAU, US
[72] DAVIDSON, BEV, US
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[54] **APPAREIL ET PROCEDE DE FORAGE**
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[72] WILLIAMS, MICHAEL V., US
[71] ASHMIN HOLDING LLC, US
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[54] **PROCEDES DE TRAITEMENT DE LA MALADIE INFLAMMATOIRE DE L'INTESTIN A L'AIDE D'INHIBITEURS DE PSMA - ANTIGENE DE MEMBRANE SPECIFIQUE DE LA PROSTATE-**
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[72] HALDANKAR, RAJ, US
[72] MATERN, HUGO, US
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[54] **PRODUITS DE POLYMERISATION EN EMULSION AQUEUX A FINES PARTICULES ET LEUR UTILISATION POUR DES REVETEMENTS HYDROPHOBES**
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[72] LOHMEIJER, BASTIAAN, DE
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[54] **PROCEDES ET APPAREIL DIVERS POUR UNE PLATE-FORME DE DISTRIBUTION DE PUISSANCE INTEGREE A PROFIL ABAISSE**
[72] ENGLERT, MATTHEW JOHN, US
[72] LOERA, JOHN MANUAL, US
[72] GROH, MICHAEL, US
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[54] **TENTE STRUCTURALE ET PROCEDE DE MONTAGE**
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[54] **ARGININE DEIMINASE A ACTIVITE HETEROSPECIFIQUE REDUITE VIS-A-VIS DES ANTICORPS ANTI-ADI-CHEVILLE 20 POUR LE TRAITEMENT DU CANCER**
[72] SHOWALTER, RICHARD, US
[72] ALMASSY, ROBERT, US
[72] THOMSON, JAMES A., US
[72] SISSON, WES, US
[72] SHIA, WEI-JONG, US
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[54] **ANTICORPS ANTI-AGE POUR LE TRAITEMENT DE L'INFLAMMATION ET DE TROUBLES AUTO-IMMUNS**
[72] GRUBER, LEWIS S., US
[71] SIWA CORPORATION, US
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[72] GUO, CHUANGXING, US
[72] GRIER, MARK CHARLES, US
[72] HOPKINS, CHAD DANIEL, US
[72] PINCHMAN, JOSEPH ROBERT, US
[72] SLEE, DEBORAH HELEN, US
[72] HUANG, PETER QINHUA, US
[72] KAHRAMAN, MEHMET, US
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[72] SARGENT, SHANE, CA
[72] MCCARTHY, MATTHEW, CA
[71] STEELHAUS TECHNOLOGIES, INC., CA
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[54] **INHIBITEURS DE MK2 ET LEURS UTILISATIONS**
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[72] MALONA, JOHN, US
[72] MCDONALD, JOSEPH JOHN, US
[72] NI, YIKE, US
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[72] PETTER, RUSSELL C., US
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[54] **BOISSONS ENERGISANTES ET AUTRES ADJUVANTS NUTRITIONNELS ISSUS DE SPIRITUEUX A BASE D'AGAVE**
[72] BROCIA, ROBERT, US
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[54] **INHIBITEURS DE L'HISTONE DEMETHYLASE**
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[72] KANOUNI, TOUFIKE, US
[72] STAFFORD, JEFFREY ALAN, US
[72] VEAL, JAMES MARVIN, US
[72] WALLACE, MICHAEL BRENNAN, US
[71] CELGENE QUANTICEL RESEARCH, INC., US
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[54] **STEM CELL COMPOSITIONS, SYSTEMS AND USES THEREOF**
[54] **COMPOSITIONS DE CELLULES SOUCHES, SYSTEMES ET UTILISATIONS ASSOCIEES**
[72] BARRETT, JENNIFER G., US
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US
[85] 2017-03-16
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[54] **METHOD OF PARTIAL LYSIS AND ASSAY**
[54] **PROCEDE DE LYSE PARTIELLE ET DOSAGE**
[72] SHUBER, ANTHONY P., US
[72] HECHT, STEVEN, US
[72] COFFMAN, ERIN, US
[72] MACLEAN, PAUL, US
[72] KAUFMAN, HOWARD B., US
[71] HOLOGIC, INC., US
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[54] **MATERIAU D'ENREGISTREMENT SANS DOUBLURE**
[72] FISHER, MARK ROBERT, US
[71] APPVION, INC., US
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[54] **SYRINGE LABELING DEVICE**
[54] **DISPOSITIF D'ETIQUETAGE DE SERINGUE**
[72] MCKINNON, AUSTIN JASON, US
[72] GISLER, SCOTT WILLIAM, US
[72] MCNEILL, PHILIP C., US
[72] KHURANA, RAHUL, US
[72] DAVIDOCK, DREW, US
[72] GRAF, ROBERT NICHOLAS, US
[72] VERMA, KAUSHAL, US
[72] STACEY, GARY, GB
[72] ROGERS, MARK, GB
[72] RIDLEY, MARK, GB
[72] STOCKS, DAVID, GB
[72] WARD, ALISTAIR, GB
[72] SCHOLAN, ANDREW, GB
[72] MARSHALL, KEITH, GB
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **BRAZED HEAT EXCHANGER AND PRODUCTION METHOD**
[54] **ECHANGEUR DE CHALEUR BRASE ET SON PROCEDE DE FABRICATION**
[72] SCHATZ-KNECHT, WOLFGANG, DE
[71] MODINE MANUFACTURING COMPANY, US
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[54] **CARTRIDGE INSERTION MECHANISM FOR A FLUID DELIVERY DEVICE**
[54] **MECANISME D'INSERTION DE CARTOUCHE POUR DISPOSITIF DE DISTRIBUTION DE FLUIDE**
[72] GREGORY, CHRISTOPHER C., US
[71] VALERITAS, INC., US
[85] 2017-03-16
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[54] **DEVICES AND METHODS FOR THE REMOVAL OF LENTICULAR TISSUE**
[54] **DISPOSITIFS ET PROCEDES POUR LE RETRAIT DE TISSU LENTICULAIRE**
[72] IANCHULEV, TSONTCHO ALEXANDROV, US
[72] IANCHULEV, PRAVOSLAVA TSONTCHEVA, US
[72] GUGUCHKOVA, MARIA TSONTCHEVA, US
[72] SCHALLER, MICHAEL PAUL, US
[72] CLAUSON, LUKE W., US
[72] LARI, DAVID R., US
[71] IANTECH, INC., US
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[54] **SUBSTRAT NEURONAL DE PREFERENCE DE SUCRE**
[72] ZUKER, CHARLES, US
[72] LESSARD, RYAN T., US
[72] GOFFER, YOSSEF, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[54] **METHOD OF EXTRACTING PROTEIN**
[54] **PROCEDE D'EXTRACTION D'UNE PROTEINE**
[72] ELLIOTT, PHILLIP, AU
[71] ELASTAGEN PTY LTD, AU
[85] 2017-03-17
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[54] **ELECTRICAL CABLE DIAGNOSTIC SYSTEM**
[54] **SYSTEME DE DIAGNOSTIC DE CABLE ELECTRIQUE**
[72] SZATKOWSKI, ANDRZEJ PAWEL, US
[72] MASHIKIAN, MATTHEW S., US
[71] INSTRUMENT MANUFACTURING COMPANY, US
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[54] **SYSTEM AND METHOD FOR PRINTING CUSTOMIZED ITEMS**
[54] **SYSTEME ET PROCEDE D'IMPRESSION D'ELEMENTS PERSONNALISES**
[72] PERSON, WADE, US
[72] PORTER, ALAN, US
[72] NELSON, BRAD, US
[72] MCGEE, PHILLIP, US
[71] CCL LABEL, INC., US
[85] 2017-03-16
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[54] **TRANSFORMATEUR RESONNANT**
[72] MASHIKIAN, MATTHEW S., US
[72] SZATKOWSKI, ANDRZEJ PAWEL, US
[71] INSTRUMENT MANUFACTURING COMPANY, US
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[54] **GAS VENT SYSTEM AND METHODS OF OPERATING THE SAME**
[54] **SYSTEME A EVENT DE GAZ ET SES PROCEDES DE FONCTIONNEMENT**
[72] VAN DAM, JEREMY DANIEL, US
[72] MUHAMMED, AMEEN ABOEL HASSAN, US
[72] ZHANG, ZHIPENG, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PHARMACEUTICAL COMPOSITION COMPRISING ASPIRIN, METFORMIN, AND SEROTONIN WITH NON-IONIC SURFACTANT**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'ASPIRINE, DE LA METFORMINE ET DE LA SEROTONINE AVEC UN AGENT TENSIOACTIF NON IONIQUE**
[72] CHEN, CHIEN-HUNG, US
[71] ALS MOUNTAIN LLC, US
[71] CHEN, CHIEN-HUNG, US
[85] 2017-03-16
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[54] **CASTLESS STANCE CORRECTED PROSTETIC & METHOD OF FORMING SAME**
[54] **PROSTHETIQUE CORRIGEE DE POSTURE SANS PLATRE ET PROCEDE DE FORMATION CORRESPONDANT**
[72] SMITH, NEIL ROBERT, AU
[71] VERTICAL FOOT ALIGNMENT SYSTEMS PTY LIMITED, AU
[85] 2017-03-17
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[54] **SYSTEM AND METHOD FOR IDENTIFYING AND USING OBJECTS IN VIDEO**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION ET D'UTILISATION D'OBJETS DANS UNE VIDEO**
[72] PETERSON, SCOTT B., US
[71] DIBZIT.COM, INC., US
[85] 2017-03-16
[86] 2015-11-03 (PCT/US2015/058733)
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[54] **AN UNDERGROUND MINING SYSTEM FOR REDUCED COSTS, IMPROVED EFFICIENCIES, HIGHER PRODUCTIVITY AND A SAFER WORKING ENVIRONMENT THROUGH PENETRATED BLOCK EXTRACTION**
[54] **SYSTEME DE MINE SOUTERRAINE POUR DES COUTS REDUITS, DES RENDEMENTS AMELIORES, UNE PRODUCTIVITE PLUS ELEVEE ET UN ENVIRONNEMENT DE TRAVAIL PLUS SUR A L'AIDE D'UNE EXTRACTION PAR PENETRATION DE BLOCS**
[72] MACDONALD, BRIAN, AU
[72] MAPP, MICHAEL, AU
[71] UNDERGROUND EXTRACTION TECHNOLOGIES PTY LTD, AU
[85] 2017-03-17
[86] 2015-09-09 (PCT/AU2015/050531)
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[25] EN
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[54] **SOUS-VETEMENTS LAVABLES ET REUTILISABLES, TRES ABSORBANTS ET RESISTANTS, PROCEDES D'UTILISATION, KITS ET UTILISATIONS ASSOCIES**
[72] O'SHEA, CHANELLE, CA
[72] TULK, RAQUEL, CA
[71] LES PRODUITS DRC INC., CA
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[54] **SYSTEME D'ENERGIE AVEC EXTRACTION DE CO2**
[72] BARLOT, JEAN, CA
[71] STARGREEN POWER CORPORATION, CA
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[54] **ANALOGUES DE SACCHARIDE ET AGENTS POUR LE DIAGNOSTIC ET LA THERAPIE D'INFECTIONS BACTERIENNES**
[72] GOODMAN, MARK, US
[72] TAYLOR, ROBERT W., US
[72] TAKEMIYA, KIYOKO, US
[72] MURTHY, NIREN, US
[72] MOHAMMED, RAFI, US
[72] NING, XINGHAI, US
[71] EMORY UNIVERSITY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
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[54] **LASER APPARATUS FOR TREATMENT OF A CATARACTOUS LENS**
[54] **APPAREIL LASER POUR LE TRAITEMENT D'UN CRISTALLIN ATTEINT DE CATARACTE**
[72] KRAEMER, DARREN, CA
[72] COWAN, MICHAEL, CA
[71] LIGHT MATTER INTERACTION INC., CA
[85] 2017-03-17
[86] 2015-09-18 (PCT/CA2015/050915)
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[25] EN
[54] **GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREFROM**
[54] **COMPOSITE EN FIBRE DE VERRE, FIBRE DE VERRE ASSOCIE ET MATERIAU COMPOSITE ASSOCIE**
[72] CAO, GUORONG, CN
[72] XING, WENZHONG, CN
[72] ZHANG, LIN, CN
[72] GU, GUIJIANG, CN
[71] JUSHI GROUP CO., LTD., CN
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[54] **LYMPHOCYTES T DE MEMOIRE CENTRALE POUR THERAPIE ADOPTIVE PAR LYMPHOCYTES T**
[72] BROWN, CHRISTINE E., US
[72] FORMAN, STEPHEN J., US
[71] CITY OF HOPE, US
[85] 2017-03-16
[86] 2015-09-21 (PCT/US2015/051280)
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[25] EN
[54] **GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREFROM**
[54] **COMPOSITE EN FIBRE DE VERRE, FIBRE DE VERRE DE CELUI-CI ET MATERIAU COMPOSITE DE CELUI-CI**
[72] CAO, GUORONG, CN
[72] ZHANG, LIN, CN
[72] XING, WENZHONG, CN
[72] GU, GUIJIANG, CN
[71] JUSHI GROUP CO., LTD., CN
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[54] **LAMINATE FOIL MATERIAL BEARING LUMINESCENT TAG**
[54] **MATERIAU EN FEUILLE STRATIFIE PORTANT UNE ETIQUETTE LUMINESCENTE**
[72] FU, YUCHENG, CA
[72] TROMBETTA, LIBERATORE, CA
[71] 2266170 ONTARIO INC., CA
[85] 2017-03-17
[86] 2015-12-01 (PCT/CA2015/051247)
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[54] **METHOD OF ADAPTIVE MOTION VETOR RESOLUTION FOR VIDEO CODING**
[54] **PROCEDE DE RESOLUTION ADAPTATIVE DE VECTEUR DE MOUVEMENT POUR CODAGE VIDEO**
[72] XU, XIAOZHONG, US
[72] ZHANG, KAI, CN
[72] LIU, SHAN, US
[72] AN, JICHENG, CN
[72] ZHANG, XIANGUO, CN
[71] HFI INNOVATION INC., TW
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[54] **INFORMATION DISPLAY METHOD, TERMINAL, AND SERVER**
[54] **PROCEDE D'AFFICHAGE D'INFORMATIONS, TERMINAL, ET SERVEUR**
[72] ZHOU, XINGCHEN, CN
[72] LI, ZHITAO, CN
[72] QIN, XIAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-03-17
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[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/511 (2006.01)**
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[54] **ABSORBENT ARTICLE HAVING PERFORMANCE SIGNALS**
[54] **ARTICLE ABSORBANT AYANT DES SIGNAUX DE PERFORMANCE**
[72] LIU, XIAOXIN, CN
[72] WANG, FANCHENG, CN
[72] SONG, LIMIN, CN
[72] KISHIDA, KAZUSHIGE, SG
[72] DOMEIER, WOLFGANG WERNER HANS, CN
[72] TANG, LI, CN
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **WELL SERVICE FLUID COMPOSITION AND METHOD OF USING MICROEMULSIONS AS FLOWBACK AIDS**
[54] **COMPOSITIONS DE FLUIDES D'ENTRETIEN DE PUITS ET PROCEDE D'UTILISATION DE MICROEMULSIONS POUR FACILITER LE RETOUR DES FLUIDES**
[72] BAUER, MARTIN, DE
[72] WYLDE, JONATHAN, US
[72] MAHMOUDKHANI, AMIR, US
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2017-03-17
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[30] US (14/491,615) 2014-09-19
[30] EP (14003961.1) 2014-11-25

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[54] **DISPOSITIF FERROVIAIRE DE LUTTE CONTRE LES VIBRATIONS**
[72] OGAWA, TAKAYUKI, JP
[71] KYB CORPORATION, JP
[85] 2017-03-17
[86] 2015-08-26 (PCT/JP2015/074022)
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[54] **FATTY ACID COMPOSITION AND METHOD FOR FORTIFYING NUTRITIONAL PRODUCTS WITH FATTY ACIDS**
[54] **COMPOSITION D'ACIDE GRAS ET PROCEDE D'ENRICHISSEMENT DE PRODUITS NUTRITIONNELS EN ACIDES GRAS**
[72] GLEASON, JOHN, US
[72] CASKEY, DOUGLAS, US
[72] BRUTON, ERIC, US
[72] BANDROWSKY, TERESA, US
[72] JOST, DOUGLAS, US
[71] JOST CHEMICAL CO., US
[85] 2017-03-16
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[72] HOSONO, TAKAHIRO, JP
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[54] **ELEMENT ELECTROCHIMIQUE, CELLULE POUR PILE A COMBUSTIBLE A OXYDE SOLIDE, ET PROCEDE DE PREPARATION DE CEUX-CI**
[72] ECHIGO, MITSUAKI, JP
[72] OHNISHI, HISAO, JP
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[72] YAMAZAKI, OSAMU, JP
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[54] **ENGINE DEVICE**
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[54] **ELEMENT ELECTROCHIMIQUE, PILE A COMBUSTIBLE A L'OXYDE SOLIDE ET METHODE DE PRODUCTION ASSOCIEE**
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[72] MEULER, ADAM J., US
[72] WANG, DANLI, US
[72] MALMBERG, ZACHARY J., US
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[54] **PROCEDES ET SYSTEMES UTILISANT UN MODELE DE PREDICTION DE DEBIT FONDE SUR UNE ACTIVITE ACOUSTIQUE ET UNE COMPENSATION D'UN AGENT DE SOUTENEMENT**
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[54] **AUGMENTATION DE LA PERMEABILITE DE LA PAROI D'UN TROU DE FORAGE AFIN DE FACILITER L'ECHANTILLONNAGE DU FLUIDE**
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[72] LIN, CONNIE BAOZHEN, US
[72] MODI, SWATI, US
[72] ELLIOTT, RUSSELL PHILLIP, US
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[72] PELUSO, MARCOS ANTONIO VIEIRA, US
[72] SCHNAARE, THEODORE HENRY, US
[72] LINDSEY, RYAN THOMAS, US
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[72] HORMANN, ROBERT E., US
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[54] **FORMULATIONS LYOPHILISEES POUR ANTIDOTE AU FACTEUR XA**
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[72] SACHA, GREGORY A., US
[72] NGUYEN, PHUONG M., US
[71] PORTOLA PHARMACEUTICALS, INC., US
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[72] CLEMENS, JOHN M., US
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[54] **COMPOSITION PHARMACEUTIQUE SERVANT A PREVENIR OU TRAITER LA LEUCEMIE RESISTANT AU GLEEVEC RENFERMANT DU GINSENOSIDE F1 OU DU GINSENOSIDE RG3 COMME INGREDIENT ACTIF**
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[72] KIM, HUN SIK, KR
[71] INTELLIGENT SYNTHETIC BIOLOGY CENTER, KR
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[54] **COMPOSITIONS CONTENANT DES MICELLES ET/OU DES LIPOSOMES STABLES ET LEURS UTILISATIONS**
[72] SIMPKINS, CUTHBERT, US
[71] VIVACELLE BIO, INC., US
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[54] **VIRUS A ACTION ONCOLYTIQUE SUR DES TUMEURS, ET METHODES D'UTILISATION**
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[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
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[71] CIRCONUS, INC., US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR DETECTER DES DONNEES PHYSIOLOGIQUES ET DRAINER ET ANALYSER DES FLUIDES CORPORELS**
[72] BURNETT, DANIEL R., US
[72] LUXON, EVAN S., US
[72] KEENAN, RICH, US
[72] HAMILTON, MARCIE, US
[72] SUTARIA, SAHEEL, US
[72] ZIEGLER, MARK, US
[72] YEE, ALEX, US
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[72] SKIELLER, CHRISTINA, US
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[72] BOLLERMAN, DONALD, US
[72] TRUDEAU, MATTHEW NORBERT, US
[72] SCHWALL, JOHN HERBERT, US
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[54] **METHODES PERSONNALISEES POUR LE TRAITEMENT D'UNE MALADIE PAR RADIOSENSIBILISATION**
[72] KINSELLA, TIMOTHY J., US
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[72] DRITSCHILO, ANATOLY, US
[71] SHUTTLE PHARMACEUTICALS, LLC, US
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[54] **FERMETURE A CREMAILLERE DETACHABLE POUR DES APPLICATIONS A GRANDE ECHELLE ET PROCEDES D'UTILISATION ASSOCIES**
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[72] PATEL, AKSHAYKUMAR, US
[71] FLOW CONTROL LLC., US
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[54] **SYSTEM AND METHOD FOR A SEMI-LIT MARKET**
[54] **SYSTEME ET PROCEDE POUR MARCHE SEMI-TRANSPARENT**
[72] KATSUYAMA, BRADLEY TOSHIO, US
[72] AISEN, DANIEL, US
[71] IEX GROUP, INC., US
[85] 2017-03-17
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[87] (WO2016/044608)
[30] US (14/488,886) 2014-09-17

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[51] **Int.Cl. C01B 33/158 (2006.01) C01B 33/159 (2006.01)**
[25] EN
[54] **IMPROVED HYDROPHOBIC AEROGEL MATERIALS**
[54] **MATERIAUX D'AEROGEL HYDROPHOBES AMELIORES**
[72] EVANS, OWEN, US
[72] DEKRAFT, KATHRYN, US
[72] ZAFIROPOULOS, NICHOLAS, US
[72] DONG, WENTING, US
[72] MIHALCIK, DAVID, US
[72] GOULD, GEORGE, US
[72] MELNIKOVA, IRENE, US
[71] ASPEN AEROGELS, INC., US
[85] 2017-03-17
[86] 2015-10-02 (PCT/US2015/053750)
[87] (WO2016/054524)
[30] US (62/059,555) 2014-10-03
[30] US (62/118,864) 2015-02-20
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[51] **Int.Cl. A61K 35/00 (2006.01) A61K 31/166 (2006.01) A61K 31/4745 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **NEOADJUVANT USE OF ANTIBODY-DRUG CONJUGATES**
[54] **UTILISATION NEOADJUVANTE DE CONJUGUES ANTICORPS-MEDICAMENTS**
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[85] 2017-03-17
[86] 2015-10-05 (PCT/US2015/054011)
[87] (WO2016/057398)
[30] US (62/060,858) 2014-10-07

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[13] A1
[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/528 (2006.01) C23F 15/00 (2006.01)**
[25] EN
[54] **SYNTHETIC ACID COMPOSITIONS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDES SYNTHETIQUES UTILISABLES COMME SUBSTITUTS D'ACIDES CLASSIQUES DANS L'INDUSTRIE PETROLIERE ET GAZIERE**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JOHN, CA
[72] ULMER, BRUCE, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2017-03-20
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[30] CA (2,866,673) 2014-10-02

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[13] A1
[51] **Int.Cl. F21V 21/08 (2006.01) F21V 21/088 (2006.01)**
[25] EN
[54] **MOUNTING APPARATUS FOR LIGHT SOCKET**
[54] **APPAREIL DE MONTAGE POUR DOUILLE DE LAMPE**
[72] DUFFY, ALLISON, CA
[72] LAGUARDIA, TONY, CA
[72] LYNAR, SHANNON, CA
[72] WOLF, ANTHONY, CA
[71] CANADIAN TIRE CORPORATION LIMITED, CA
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[86] 2014-09-29 (PCT/CA2014/050932)
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[13] A1
[51] **Int.Cl. A61J 1/03 (2006.01)**
[25] EN
[54] **SORTING PILLBOX**
[54] **PILULIER DE TRI**
[72] GLAZER, ELEANOR, US
[72] MISKULIN, IVOR, US
[71] GLAZER, ELEANOR, US
[71] MISKULIN, IVOR, US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/050888)
[87] (WO2016/044700)
[30] US (62/052,333) 2014-09-18

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[25] EN
[54] **SYNTHETIC ACID COMPOSITIONS ALTERNATIVES TO CONVENTIONAL ACIDS FOR USE IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDES SYNTHETIQUES UTILISABLES COMME SUBSTITUTS D'ACIDES CLASSIQUES DANS L'INDUSTRIE PETROLIERE ET GAZIERE**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JOHN, CA
[72] ULMER, BRUCE, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2017-03-20
[86] 2015-09-29 (PCT/CA2015/000512)
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[30] CA (2,866,521) 2014-10-02

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[51] **Int.Cl. E21B 33/128 (2006.01) E21B 23/06 (2006.01) E21B 33/129 (2006.01) E21B 33/134 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **IMPROVED PACKER BRIDGE PLUG WITH REMOVABLE/DISSOLVABLE BALL SEAT**
[54] **BOUCHON PROVISOIRE DE GARNITURE AMELIORE AYANT UNE CAGE DE ROTULE AMOVIBLE/POUVANT ETRE DISSOUTE**
[72] SOMMERS, MICHAEL, US
[71] TARGET COMPLETIONS, LLC, US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/050946)
[87] (WO2016/044727)
[30] US (62/052,054) 2014-09-18

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[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/528 (2006.01) C23F 15/00 (2006.01)**
[25] EN
[54] **SYNTHETIC ACID COMPOSITIONS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDES SYNTHETIQUES UTILISABLES COMME SUBSTITUTS D'ACIDES CLASSIQUES DANS L'INDUSTRIE PETROLIERE ET GAZIERE**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JOHN, CA
[72] ULMER, BRUCE, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2017-03-20
[86] 2015-09-29 (PCT/CA2015/000513)
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[30] CA (2,866,515) 2014-10-02

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[13] A1
[51] **Int.Cl. C11D 1/83 (2006.01)**
[25] EN
[54] **HARD SURFACE CLEANERS COMPRISING ETHOXYLATED ALKOXYLATED NONIONIC SURFACTANTS**
[54] **NETTOYANTS POUR SURFACES DURES COMPRENANT DES TENSIOACTIFS NON IONIQUES ALCOXYLES ETHOXYLES**
[72] DI CAPUA, GLORIA, IT
[72] DELEERSNYDER, GEERT ANDRE, BE
[72] KANTARIDIS, STEFANOS, BE
[72] LANDI, FELICETTA, BE
[72] SCIALLA, STEFANO, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-17
[86] 2015-10-21 (PCT/US2015/056663)
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[30] EP (14190783.2) 2014-10-29
[30] EP (15183431.4) 2015-09-02

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[25] EN
[54] **SYNTHETIC ACID COMPOSITIONS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDES SYNTHETIQUES UTILISABLES COMME SUBSTITUTS D'ACIDES CLASSIQUES DANS L'INDUSTRIE PETROLIERE ET GAZIERE**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JOHN, CA
[72] ULMER, BRUCE, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2017-03-20
[86] 2015-09-29 (PCT/CA2015/000515)
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[30] CA (2,866,513) 2014-10-02

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[25] EN
[54] **SYNTHETIC ACID COMPOSITIONS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDE SYNTHETIQUE UTILISEES EN TANT QU'ALTERNATIVE A DES ACIDES TRADITIONNELS DANS L'INDUSTRIE PETROLIERE ET GAZIERE**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JOHN, CA
[72] ULMER, BRUCE, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2017-03-20
[86] 2015-09-29 (PCT/CA2015/000517)
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[30] CA (2,866,658) 2014-10-02

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[13] A1
[51] **Int.Cl. G02B 7/00 (2006.01) G02B 7/02 (2006.01) G02B 7/182 (2006.01)**
[25] EN
[54] **MOUNTING OF AN OPTICAL ELEMENT IN A BARREL USING A FLEXIBLE RING**
[54] **MONTAGE D'UN ELEMENT OPTIQUE DANS UN CYLINDRE A L'AIDE D'UN ANNEAU FLEXIBLE**
[72] LAMONTAGNE, FREDERIC, CA
[72] DESNOYERS, NICHOLA, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2017-03-20
[86] 2015-09-22 (PCT/CA2015/050928)
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[30] US (62/053,524) 2014-09-22

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[51] **Int.Cl. B01J 19/12 (2006.01) C02F 1/30 (2006.01) C02F 1/32 (2006.01) F15D 1/02 (2006.01)**
[25] EN
[54] **FLOW MODIFIER BAFFLES AND FLUID TREATMENT SYSTEM COMPRISING SAME**
[54] **DEFLECTEURS MODIFIANT L'ECOULEMENT ET SYSTEME DE TRAITEMENT DE FLUIDE LES COMPRENANT**
[72] KEZELE, DUSKO ANTONIO, CA
[72] FRASER, JIM, CA
[72] WARKENTIN, GREGORY SCOTT, CA
[71] TROJAN TECHNOLOGIES, CA
[85] 2017-03-20
[86] 2015-09-22 (PCT/CA2015/050929)
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[30] US (62/071,348) 2014-09-22

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[13] A1
[51] **Int.Cl. B21C 27/00 (2006.01) B21C 29/02 (2006.01) B21C 31/00 (2006.01)**
[25] EN
[54] **EXTRUSION PRESS CONTAINER AND MANTLE FOR SAME, AND METHOD**
[54] **CONTENANT POUR PRESSE D'EXTRUSION ET SON ENVELOPPE, ET PROCEDE ASSOCIE**
[72] ROBBINS, PAUL HENRY, CA
[71] EXCO TECHNOLOGIES LIMITED, CA
[85] 2017-03-20
[86] 2015-10-27 (PCT/CA2015/051091)
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[30] US (62/068,959) 2014-10-27

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[51] **Int.Cl. H04N 19/89 (2014.01) H04N 19/42 (2014.01) G06F 11/07 (2006.01) G06F 13/10 (2006.01) G08B 13/196 (2006.01) G09G 5/00 (2006.01)**
[25] EN
[54] **A SYSTEM TO DISPATCH VIDEO DECODING TO DEDICATED HARDWARE RESOURCES**
[54] **SYSTEME DE REPARTITION D'UN DECODAGE VIDEO DANS DES RESSOURCES MATERIELLES DEDIEES**
[72] SLUPIK, ANDRE, CA
[72] BERARD, XAVIER, CA
[71] GENETEC INC., CA
[85] 2017-03-20
[86] 2015-10-21 (PCT/CA2015/051062)
[87] (WO2016/061680)
[30] US (14/520,662) 2014-10-22
[30] US (14/806,025) 2015-07-22

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 9/06 (2006.01)**
[25] EN
[54] **USES OF NEUREGULIN IN PREVENTING, TREATING OR DELAYING VENTRICULAR ARRHYTHMIA, AND COMPOSITION THEREOF**
[54] **UTILISATIONS DE LA NEUREGULINE POUR PREVENIR, TRAITER OU RETARDER L'ARYTHMIE VENTRICULAIRE, ET COMPOSITION DE CELLE-CI**
[72] ZHOU, MINGDONG, AU
[71] ZENSUN (SHANGHAI) SCIENCE & TECHNOLOGY LIMITED, CN
[85] 2017-03-20
[86] 2015-09-06 (PCT/CN2015/088972)
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[30] CN (201410529437.4) 2014-09-24

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[51] **Int.Cl. C07H 9/04 (2006.01) A61K 31/7048 (2006.01) A61K 47/12 (2006.01) A61K 47/26 (2006.01) A61P 3/10 (2006.01) C07D 207/16 (2006.01) C07D 493/08 (2006.01) C07H 1/00 (2006.01)**
[25] EN
[54] **L-PROLINE COMPOUND OF SODIUM-GLUCOSE COTRANSPORTER 2 INHIBITOR, AND MONOHYDRATE AND CRYSTAL OF L-PROLINE COMPOUND**
[54] **COMPOSE L-PROLINE D'UN INHIBITEUR DU COTRANSPORTEUR SODIUM-GLUCOSE DE TYPE 2, AINSI QUE MONOHYDRATE ET CRISTAL DU COMPOSE L-PROLINE**
[72] SUN, PIAOYANG, CN
[72] WU, GUAILI, CN
[72] GUO, CHANGSHAN, CN
[72] LU, YUN, CN
[72] WU, YUXIA, CN
[72] SHEN, LINGJIA, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[85] 2017-03-20
[86] 2015-09-08 (PCT/CN2015/089128)
[87] (WO2016/050134)
[30] CN (201410523436.9) 2014-09-30

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[13] A1
[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/047 (2006.01) A61P 21/02 (2006.01)**
[25] EN
[54] **EUTECTIC FORMULATIONS OF CYCLOBENZAPRINE HYDROCHLORIDE**
[54] **FORMULATION D'EUTECTIQUE DE L'HYDROCHLORURE DE CYCLOBENZAPRINE**
[72] LEDERMAN, SETH, US
[72] NEBULONI, MARINO, IT
[71] TONIX PHARMA HOLDINGS LIMITED, BM
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051068)
[87] (WO2016/044796)
[30] US (62/052,238) 2014-09-18

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[13] A1
[51] **Int.Cl. B65D 50/12 (2006.01)**
[25] EN
[54] **PACKAGE HAVING A CHILD-RESTRICTIVE OPENING FEATURE**
[54] **EMBALLAGE A ELEMENT D'OUVERTURE A L'EPREUVE DES ENFANTS**
[72] STEELE, MARK, US
[71] STEELE, MARK, US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051096)
[87] (WO2016/044812)
[30] US (62/052,418) 2014-09-18
[30] US (62/072,987) 2014-10-30
[30] US (62/082,694) 2014-11-21
[30] US (62/086,372) 2014-12-02
[30] US (62/094,012) 2014-12-18
[30] US (62/156,369) 2015-05-04

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[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **METHOD FOR ELECTRICALLY ENHANCED OIL RECOVERY**
[54] **PROCEDE DE RECUPERATION AMELIOREE DE PETROLE PAR ELECTRICITE**
[72] STOKHOLM, BJORN, DK
[72] HANISCH, FRANK, CH
[71] EOR TECHNOLOGIES APS, DK
[85] 2017-03-20
[86] 2015-09-23 (PCT/DK2015/050289)
[87] (WO2016/045682)
[30] DK (PA201400543) 2014-09-23

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[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01) C10G 1/00 (2006.01) C10G 51/02 (2006.01) C10G 51/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF AROMATIC COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES AROMATIQUES**
[72] HEERES, ANDRE, NL
[72] SCHENK, NIELS JAN, NL
[72] ZEEUW, AREND-JAN, NL
[72] DE WAELE, BART, BE
[72] KAMMINGA, KORNELIS JAN, NL
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2017-03-20
[86] 2015-09-22 (PCT/EP2015/071655)
[87] (WO2016/046163)
[30] EP (14185750.8) 2014-09-22

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[13] A1
[51] **Int.Cl. B44C 5/04 (2006.01) G01N 21/64 (2006.01) H01J 49/02 (2006.01)**
[25] EN
[54] **NON-DESTRUCTIVE DETECTION METHOD OF CHARGED PARTICLES WITHOUT MASS LIMITATION**
[54] **PROCEDE NON DESTRUCTIF DE DETECTION DE PARTICULES CHARGEES SANS LIMITATION DE MASSE**
[72] CHAMPENOIS, CAROLINE ANTOINETTE MADELEINE, FR
[72] HILICO, LAURENT, FR
[72] JOUVET, CHRISTOPHE MICHEL RENE, FR
[72] PEDREGOSA GUTIERREZ, JOFRE, FR
[72] KNOOP, MARTINA, FR
[72] DEDONDER-LARDEUX, CLAUDE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE AIX MARSEILLE, FR
[85] 2017-03-20
[86] 2015-09-25 (PCT/EP2015/072165)
[87] (WO2016/046396)
[30] EP (14306498.8) 2014-09-26

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[51] **Int.Cl. A01N 63/04 (2006.01) A01N 65/12 (2009.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **PESTICIDE COMPOSITION**
[54] **COMPOSITION PESTICIDE**
[72] MAZARIEGOS HURTADO, LUIS AUGUSTO, CO
[71] MAZARIEGOS HURTADO, LUIS AUGUSTO, CO
[85] 2017-03-20
[86] 2015-09-17 (PCT/IB2015/057179)
[87] (WO2016/042520)
[30] CO (14-206728) 2014-09-17

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[13] A1
[51] **Int.Cl. C07F 9/28 (2006.01) A61K 31/66 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) C07F 9/02 (2006.01)**
[25] EN
[54] **PRODRUGS OF PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA) INHIBITOR**
[54] **PROMEDICAMENTS D'INHIBITEUR DE L'ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE (PSMA)**
[72] SLUSHER, BARBARA, US
[72] RAIS, RANA, US
[72] KRECMEROVA, MARCELA, CZ
[72] TICHY, TOMAS, CZ
[72] MAJER, PAVEL, US
[72] JANCARIK, ANDREJ, CZ
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY AS CR V.V.I., CZ
[85] 2017-03-20
[86] 2015-08-06 (PCT/US2015/044053)
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[13] A1
[51] **Int.Cl. B01D 69/08 (2006.01)**
[25] EN
[54] **COMPOSITE NANOPARTICLE STABILIZED CORE CARBON MOLECULAR SIEVE HOLLOW FIBER MEMBRANES HAVING IMPROVED PERMEANCE**
[54] **MEMBRANES A FIBRES CREUSES COMPOSITES DE TYPE TAMIS MOLECULAIRE CARBONE A NOYAU STABILISE PAR DES NANOPARTICULES PRESENTANT UNE PERMEANCE AMELIOREE**
[72] KOROS, WILLIAM JOHN, US
[72] ZHANG, KUANG, US
[71] GEORGIA INSTITUTE OF TECHNOLOGY, US
[85] 2017-03-20
[86] 2015-08-14 (PCT/US2015/045394)
[87] (WO2016/048479)
[30] US (62/053,464) 2014-09-22
[30] US (62/066,625) 2014-10-21
[30] US (62/067,699) 2014-10-23
[30] US (62/074,197) 2014-11-03

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[13] A1
[51] **Int.Cl. A61M 5/172 (2006.01) A61B 5/145 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **DECISIONS SUPPORT FOR PATIENTS WITH DIABETES**
[54] **AIDE A LA DECISION POUR DES PATIENTS ATTEINTS DE DIABETE**
[72] SCHAIBLE, THOMAS, US
[72] MCCANN, THOMAS, US
[72] CAPURRO, JORGE, US
[71] ANIMAS CORPORATION, US
[85] 2017-03-20
[86] 2015-09-18 (PCT/US2015/050919)
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[30] US (14/494,018) 2014-09-23

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[13] A1
[51] **Int.Cl. A61K 38/22 (2006.01)**
[25] EN
[54] **METHODS OF TREATING MILD BRAIN INJURY**
[54] **METHODES DE TRAITEMENT D'UNE LESION CEREBRALE LEGERE**
[72] SHAH, KARTIK KIRAN, US
[72] MUNSHI, AMIT DILIP, US
[71] OXEIA BIOPHARMACEUTICALS, INC., US
[85] 2017-03-20
[86] 2015-08-18 (PCT/US2015/045777)
[87] (WO2016/028826)
[30] US (62/039,358) 2014-08-19
[30] US (62/046,748) 2014-09-05
[30] US (62/050,690) 2014-09-15
[30] US (62/057,181) 2014-09-29
[30] US (62/057,184) 2014-09-29
[30] US (62/063,897) 2014-10-14
[30] US (62/108,948) 2015-01-28
[30] US (62/118,423) 2015-02-19
[30] US (62/192,448) 2015-07-14
[30] US (62/201,530) 2015-08-05

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[13] A1
[51] **Int.Cl. E04H 1/00 (2006.01)**
[25] EN
[54] **MODULAR STORAGE STRUCTURE**
[54] **STRUCTURE DE STOCKAGE MODULAIRE**
[72] CORNIA, ANTHONY, US
[72] LIRA, FRANCISCO, US
[71] JUSTRITE MANUFACTURING COMPANY LLC, US
[71] CORNIA, ANTHONY, US
[71] LIRA, FRANCISCO, US
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/051099)
[87] (WO2016/044815)
[30] US (62/052,346) 2014-09-18

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[13] A1
[51] **Int.Cl. A61K 31/4188 (2006.01) A01K 67/00 (2006.01) A61K 31/337 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING BRAIN METASTASIS**
[54] **METHODES DE TRAITEMENT DE METASTASES CEREBRALES**
[72] BOIRE, ADRIENNE, US
[72] CHEN, QING, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2017-03-20
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[54] **PIXEL ART CRAYON AND MARKER PHOTO ARRAY ASSEMBLY AND KIT**
[54] **ENSEMBLE ET KIT DE CRAYONS ET FEUTRES D'ART DE PIXEL POUR ENSEMBLE DE PHOTO**
[72] SKINNER, CRAIG, US
[71] CRAYOLA, LLC, US
[85] 2017-03-17
[86] 2016-01-26 (PCT/US2016/014938)
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[13] A1
[51] **Int.Cl. B65D 47/06 (2006.01)**
[25] EN
[54] **HOT BEVERAGE CONTAINER LID CONSTRUCTION AND PACKAGING METHOD**
[54] **CONSTRUCTION DE COUVERCLE DE RECIPIENT POUR BOISSON CHAUDE ET PROCEDE D'EMBALLAGE**
[72] SAVENOK, PAVEL, US
[71] SAVENOK, PAVEL, US
[85] 2017-03-20
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[30] US (14/498,053) 2014-09-26

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[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01)**
[25] EN
[54] **PAYMENT SYSTEMS AND METHODS FOR MANAGING PAYMENT CARD USE**
[54] **SYSTEMES ET PROCEDES DE PAIEMENT PERMETTANT DE GERER L'UTILISATION D'UNE CARTE DE PAIEMENT**
[72] NOE, JAMES C., GB
[72] MADDOCKS, IAN D. A., GB
[72] LAKKA, SOWMYA R., US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-03-20
[86] 2015-09-21 (PCT/US2015/051145)
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[25] EN
[54] **CARBONATION TUBE**
[54] **TUBE DE GAZEIFICATION**
[72] DANIELI, GUY, IL
[72] COHEN, AVI, IL
[72] BAUMBERG, ISRAEL, IL
[71] SODASTREAM INDUSTRIES LTD, IL
[85] 2017-03-20
[86] 2015-09-07 (PCT/IB2015/056828)
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[25] EN
[54] **TRANSMISSION APPARATUS FOR A WIRELESS DEVICE USING DELTA-SIGMA MODULATION**
[54] **APPAREIL DE TRANSMISSION POUR DISPOSITIF SANS FIL UTILISANT UNE MODULATION DELTA-SIGMA**
[72] MANKU, TAJINDER, CA
[71] DRNC HOLDINGS, INC., US
[85] 2017-03-21
[86] 2014-10-16 (PCT/CA2014/000745)
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[30] US (14/493,262) 2014-09-22

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[25] EN
[54] **ACOUSTOPHORETIC CLARIFICATION OF PARTICLE-LADEN NON-FLOWING FLUIDS**
[54] **CLARIFICATION ACOUSTOPHORETIQUE DE FLUIDES SANS ECOULEMENT ET CHARGES EN PARTICULES**
[72] LIPKENS, BART, US
[72] KING, JEFF, US
[72] SOKOLOWSKI, DAVID, US
[72] MASI, ANTHONY B., US
[72] KENNEDY, BRIAN T., US
[72] MCCARTHY, BRIAN, US
[72] ROSS-JOHNSRUD, BENJAMIN, US
[72] DIONNE, JASON, US
[72] MEALEY, DANE, US
[72] BARNES, JASON, US
[71] FLODESIGN SONICS, INC., US
[85] 2017-03-20
[86] 2015-09-30 (PCT/US2015/053200)
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[51] **Int.Cl. G06Q 20/38 (2012.01) H04W 4/24 (2009.01) H04W 12/04 (2009.01)**
[25] EN
[54] **SECURE PROCESSING OF DATA**
[54] **TRAITEMENT SECURISE DE DONNEES**
[72] ORTIZ, EDISON U., CA
[72] LEE, TERRY W., CA
[72] MANTIA, LINDA, CA
[72] KHANDAVILLI, PAWAN, CA
[71] ROYAL BANK OF CANADA, CA
[85] 2017-03-21
[86] 2015-09-29 (PCT/CA2015/000519)
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[30] US (62/056,688) 2014-09-29
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[30] US (62/065,280) 2014-10-17
[30] US (62/078,683) 2014-11-12
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[30] US (62/089,210) 2014-12-08
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[51] **Int.Cl. C07K 16/26 (2006.01) A61K 39/395 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **HUMANIZED ANTI-HEPCIDIN ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-HEPCIDINE HUMANISES ET UTILISATIONS DE CEUX-CI**
[72] WESTERMAN, MARK, US
[71] INTRINSIC LIFESCIENCES LLC, US
[85] 2017-03-20
[86] 2015-09-22 (PCT/US2015/051469)
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[13] A1
[51] **Int.Cl. H02N 11/00 (2006.01)**
[25] EN
[54] **ELECTRIC GENERATOR**
[54] **GENERATRICE ELECTRIQUE**
[72] RAEEN, BAHRAM, US
[71] RAEEN, BAHRAM, US
[85] 2017-03-20
[86] 2015-09-29 (PCT/US2015/052961)
[87] (WO2016/054052)
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[25] EN
[54] **SECURITY VIDEO MONITORING CLIENT**
[54] **CLIENT DE SURVEILLANCE DE VIDEO DE SECURITE**
[72] TREPANIER, JEAN-DAVID, CA
[71] GENETEC INC., CA
[85] 2017-03-21
[86] 2016-07-04 (PCT/CA2016/050779)
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[51] **Int.Cl. A61B 17/3207 (2006.01) A61B 17/22 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR A PILOTING TIP BUSHING FOR ROTATIONAL ATHERECTOMY**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR EMBOUT PILOTE D'ATHERECTOMIE ROTATIONNELLE**
[72] ELLERING, NICHOLAS, US
[72] HIGGINS, JOSEPH, US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2017-03-20
[86] 2015-11-05 (PCT/US2015/059184)
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[51] **Int.Cl. G01C 21/36 (2006.01) G07B 15/02 (2011.01) G08G 1/14 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF MANAGING PARKING SPACE OCCUPANCY**
[54] **PROCEDES ET SYSTEMES DE GESTION D'OCCUPATION D'ESPACE DE STATIONNEMENT**
[72] TOMER, NATAN, IL
[71] TOMER, NATAN, IL
[85] 2017-03-21
[86] 2015-09-24 (PCT/IL2015/050976)
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[51] **Int.Cl. C09K 8/72 (2006.01) C09K 8/88 (2006.01) E21B 33/00 (2006.01) E21B 43/00 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **COMPOSITION FOR WELL DRILLING COMPRISING REACTIVE METAL AND DEGRADABLE RESIN COMPOSITION, MOLDED PRODUCT FOR WELL DRILLING, AND METHOD FOR WELL DRILLING**
[54] **COMPOSITION DESTINEE AU FORAGE DE PUITS QUI COMPREND UN METAL REACTIF ET UNE COMPOSITION DE RESINE DEGRADABLE, ARTICLE MOULE DESTINE AU FORAGE DE PUITS, ET PROCEDE DE FORAGE DE PUITS**
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, TAKEO, JP
[72] TAKAHASHI, SHINYA, JP
[72] KOBAYASHI, TAKUMA, JP
[71] KUREHA CORPORATION, JP
[85] 2017-03-20
[86] 2015-09-15 (PCT/JP2015/076149)
[87] (WO2016/047501)
[30] JP (2014-192603) 2014-09-22

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[51] **Int.Cl. E21B 43/00 (2006.01) C08K 3/08 (2006.01) C08L 101/00 (2006.01) E21B 33/10 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL CONTAINING DOWNHOLE-TOOL MEMBER CONTAINING REACTIVE METAL AND DOWNHOLE-TOOL MEMBER CONTAINING DEGRADABLE RESIN COMPOSITION, AND WELL-DRILLING METHOD**
[54] **ELEMENT D'OUTIL DE FOND DE TROU CONTENANT DU METAL REACTIF, OUTIL DE FOND DE TROU POURVU D'UN ELEMENT D'OUTIL DE FOND DE TROU CONTENANT UNE COMPOSITION DE RESINE DEGRADABLE ET PROCEDE DE FORAGE DE PUITS**
[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, SHINYA, JP
[71] KUREHA CORPORATION, JP
[85] 2017-03-20
[86] 2015-09-15 (PCT/JP2015/076150)
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[25] EN
[54] **NOVEL NITROGEN-CONTAINING COMPOUND OR SALT THEREOF, OR METAL COMPLEX THEREOF**
[54] **NOUVEAU COMPOSE CONTENANT DE L'AZOTE OU SON SEL, OU SON COMPLEXE METALLIQUE**
[72] FUKUNAGA, HIROFUMI, JP
[72] DOZONO, HIROYUKI, JP
[72] HINO, AKIHIRO, JP
[72] OSHIKIRI, SHINOBU, JP
[72] NAGANO, AKIO, JP
[71] FUJIFILM CORPORATION, JP
[71] FUJIFILM RI PHARMA CO., LTD., JP
[85] 2017-03-21
[86] 2014-09-24 (PCT/JP2014/075332)
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[51] **Int.Cl. A61K 47/06 (2006.01) A61K 9/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **INTRANASAL COMPOSITIONS FOR TREATMENT OF NEUROLOGICAL AND NEURODEGENERATIVE DISEASES AND DISORDERS**
[54] **COMPOSITIONS INTRANASALES POUR LE TRAITEMENT DE MALADIES ET TROUBLES NEUROLOGIQUES OU NEURODEGENERATIFS**
[72] MORGAN, TIMOTHY MATTHIAS, AU
[71] LACHESIS BIOSCIENCES PTY LTD, AU
[85] 2017-03-21
[86] 2015-09-30 (PCT/AU2015/050591)
[87] (WO2016/049700)
[30] AU (2014903944) 2014-10-03

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **MODULATION OF STIMULATORY AND NON-STIMULATORY MYELOID CELLS**
[54] **MODULATION DE CELLULES MYELOIDES STIMULATRICES ET NON STIMULATRICES**
[72] KRUMMEL, MATTHEW, US
[72] BROZ, MIRANDA, US
[72] WOLF, DENISE, US
[72] POLLACK, JOSHUA, US
[72] BINNEWIES, MIKHAIL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-03-20
[86] 2015-09-28 (PCT/US2015/052682)
[87] (WO2016/049641)
[30] US (62/056,569) 2014-09-28
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[51] **Int.Cl. B23D 63/16 (2006.01) B23D 63/12 (2006.01) B24B 3/36 (2006.01) B27B 17/00 (2006.01)**
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[54] **SAW SET FOR SAW CHAIN CUTTERS**
[54] **PINCE A AVOYER POUR DENTS DE CHAINE DE SCIE**
[72] MIZUKAMI, TOSHIYUKI, JP
[71] MIZUKAMI, TOSHIYUKI, JP
[85] 2017-03-21
[86] 2014-09-30 (PCT/JP2014/076094)
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[30] JP (2013-217797) 2013-10-02

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[51] **Int.Cl. G06F 7/00 (2006.01)**
[25] EN
[54] **IDENTIFYING TEMPORAL DEMAND FOR AUTOCOMPLETE SEARCH RESULTS**
[54] **IDENTIFICATION D'UNE DEMANDE TEMPORELLE RELATIVE A DES RESULTATS DE RECHERCHE A SAISIE SEMI-AUTOMATIQUE**
[72] MISHRA, SHRISH, US
[71] EBAY INC., US
[85] 2017-03-20
[86] 2015-09-29 (PCT/US2015/052862)
[87] (WO2016/053990)
[30] US (62/057,548) 2014-09-30

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[51] **Int.Cl. B63B 27/30 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELIVERING A CONSUMABLE COMMODITY**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DELIVRER UN PRODUIT CONSOMMABLE**
[72] RIVARD, PIERRE, CA
[72] ABBATIELLO, LAURENT, CA
[72] PELLAND, CEDRIC, CA
[71] TUGLIQ ENERGY CO., CA
[85] 2017-03-20
[86] 2015-09-30 (PCT/CA2015/050982)
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[51] **Int.Cl. C12N 15/873 (2010.01) C12N 15/877 (2010.01) C12N 15/90 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY, HIGH THROUGHPUT GENERATION OF GENETICALLY MODIFIED MAMMALS BY ELECTROPORATION**
[54] **GENERATION EXTREMEMENT EFFICACE ET A RENDEMENT ELEVE DE MAMMIFERES GENETIQUEMENT MODIFIES PAR ELECTROPORATION**
[72] QIN, WENNING, US
[72] DION, STEPHANIE LEE, US
[72] KUTNY, PETER MICHAEL, US
[72] WANG, HAOYI, US
[71] THE JACKSON LABORATORY, US
[85] 2017-03-20
[86] 2015-09-29 (PCT/US2015/052928)
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[30] US (62/056,687) 2014-09-29

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[51] **Int.Cl. D01F 6/44 (2006.01) C08L 23/00 (2006.01) D01D 5/08 (2006.01) D01F 1/10 (2006.01)**
[25] EN
[54] **ENVIRONMENT-CONTROLLING FIBERS, METHOD MANUFACTURING THE SAME AND FABRICS USING THE SAME**
[54] **FIBRES CONTROLANT L'ENVIRONNEMENT, METHODE DE FABRICATION ASSOCIEE ET TISSUS LES INTEGRANT**
[72] HUANG, KAI-LI, CN
[72] CHEN, YUAN-TE, CN
[72] CHEN, YUAN-JUNG, CN
[71] HUANG, KAI-LI, CN
[71] CHEN, YUAN-TE, CN
[71] CHEN, YUAN-JUNG, CN
[85] 2017-03-21
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[25] EN
[54] **THE SYSTEM AND METHOD OF RID OF THE ANIMATE OR INANIMATE NATURE OBJECT FROM HARMFUL ELEMENTS**
[54] **UN SYSTEME ET UNE METHODE D'ELIMINATION D'UN OBJET DE NATURE ANIMEE OU INANIMEE DES ELEMENTS NUISIBLES**
[72] DMITRIENKO, TATIANA VLADIMIROVNA, RU
[71] DMITRIENKO, TATIANA VLADIMIROVNA, RU
[85] 2016-10-17
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[51] **Int.Cl. H01R 13/627 (2006.01)**
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[54] **BREAKAWAY CONNECTOR FOR DROP/AERIAL/MESSENGERED COAXIAL CABLES**
[54] **CONNECTEUR A MECANISME DE RUPTURE POUR CABLES COAXIAUX DE DERIVATION, D'ANTENNE OU PORTEURS**
[72] MONTENA, NOAH P., US
[71] PPC BROADBAND, INC., US
[85] 2017-03-20
[86] 2015-09-21 (PCT/US2015/051276)
[87] (WO2016/044851)
[30] US (62/052,512) 2014-09-19
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[51] **Int.Cl. B32B 3/12 (2006.01) B32B 3/28 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **PLASTIC CORRUGATION**
[54] **CANNELURE EN MATIERE PLASTIQUE**
[72] DODD, DAVID, US
[71] ORBIS CORPORATION, US
[85] 2017-03-20
[86] 2015-09-28 (PCT/US2015/052618)
[87] (WO2016/057256)
[30] US (62/062,481) 2014-10-10
[30] US (14/865,653) 2015-09-25

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[51] **Int.Cl. H04W 72/00 (2009.01)**
[25] EN
[54] **A METHOD AND DEVICE OF RESOURCE ALLOCATIONS FOR SCHEDULING ASSIGNMENTS IN DEVICE TO DEVICE COMMUNICATIONS**
[54] **PROCEDE ET DISPOSITIF D'ALLOCATION DE RESSOURCES POUR LA PLANIFICATION DES ATTRIBUTIONS DANS DES COMMUNICATIONS DE DISPOSITIF A DISPOSITIF**
[72] SONG, XINGHUA, CN
[72] LI, SHAOHUA, CN
[72] LU, QIANXI, CN
[72] SORRENTINO, STEFANO, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-03-21
[86] 2015-09-21 (PCT/CN2015/090142)
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[30] CN (PCT/CN2014/087601) 2014-09-26

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[51] **Int.Cl. A61M 1/12 (2006.01) A61B 5/02 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING AORTIC VALVE OPENING**
[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE OUVERTURE DE VALVULE AORTIQUE**
[72] GRANEGGER, MARCUS, AT
[72] MOSCATO, FRANCESCO, AT
[72] SCHIMA, HEINRICH, AT
[72] HAYWARD, CHRISTOPHER SIMON, AU
[71] ST. VINCENT'S HOSPITAL SYDNEY LIMITED, AU
[71] MEDICAL UNIVERSITY OF VIENNA, AT
[85] 2017-03-21
[86] 2015-09-22 (PCT/AU2015/050566)
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[30] AU (2014903794) 2014-09-23

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[13] A1
[51] **Int.Cl. H01F 37/00 (2006.01)**
[25] EN
[54] **WELDING TYPE POWER SUPPLY WITH TRANSFORMER**
[54] **ALIMENTATION ELECTRIQUE DE TYPE SOUDAGE DOTEE D'UN TRANSFORMATEUR**
[72] MATIASH, NICHOLAS A., US
[72] SCHWARTZ, BRIAN A., US
[72] ALTEKRUSE, KENNETH C., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-20
[86] 2015-10-07 (PCT/US2015/054398)
[87] (WO2016/073128)
[30] US (14/535,575) 2014-11-07

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[51] **Int.Cl. A23G 3/42 (2006.01) C13B 50/00 (2011.01) A23G 3/34 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **CHEWABLE PRODUCT AND PROCESS FOR MAKING SAME**
[54] **PRODUIT A MACHER ET SON PROCEDE DE PRODUCTION**
[72] ROWE, JOHN LAWRENCE, CA
[71] ISLAND ABBEY FOODS LTD., CA
[85] 2017-03-21
[86] 2014-09-30 (PCT/CA2014/050936)
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[30] US (61/884,276) 2013-09-30

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[13] A1
[51] **Int.Cl. C07K 16/42 (2006.01) C07K 16/36 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODY CAPABLE OF NEUTRALIZING SUBSTANCE HAVING ACTIVITY ALTERNATIVE TO FUNCTION OF COAGULATION FACTOR VIII (FVIII)**
[54] **ANTICORPS POUR NEUTRALISATION DE SUBSTANCE POSSEDANT UNE ACTIVITE DE SUBSTITUTION DE FONCTION DE FACTEUR VIII DE LA COAGULATION (FVIII)**
[72] IGAWA, TOMOYUKI, JP
[72] MUTO, ATSUSHI, JP
[72] KITAZAWA, TAKEHISA, JP
[72] SUZUKI, TSUKASA, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2017-03-20
[86] 2015-09-24 (PCT/JP2015/076854)
[87] (WO2016/047656)
[30] JP (2014-197207) 2014-09-26

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[54] **VACUUM-GENERATING PUMPING SYSTEM AND PUMPING METHOD USING THIS PUMPING SYSTEM**
[54] **SYSTEME DE POMPAGE POUR GENERER UN VIDE ET PROCEDE DE POMPAGE AU MOYEN DE CE SYSTEME DE POMPAGE**
[72] MULLER, DIDIER, CH
[72] LARCHER, JEAN-ERIC, FR
[72] ILTCHEV, THEODORE, FR
[71] ATELIERS BUSCH SA, CH
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[25] FR
[54] **PUMPING SYSTEM FOR GENERATING A VACUUM AND METHOD FOR PUMPING BY MEANS OF THIS PUMPING SYSTEM**
[54] **SYSTEME DE POMPAGE POUR GENERER UN VIDE ET PROCEDE DE POMPAGE AU MOYEN DE CE SYSTEME DE POMPAGE**
[72] MULLER, DIDIER, CH
[72] LARCHER, JEAN-ERIC, FR
[72] ILTCHEV, THEODORE, FR
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[54] **METHOD**
[54] **PROCEDE**
[72] GRIMSBO, GJERMUND, NO
[72] FATHI, MARCUS, NO
[72] WENN, TORGEIR, NO
[72] HEMMINGSEN, PAL VIGGO, NO
[72] BJORGUM, ASTRID, NO
[71] STATOIL PETROLEUM AS, NO
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[54] **METHODS FOR THE TREATMENT OF PERI-IMPLANTITIS**
[54] **METHODES POUR LE TRAITEMENT D'UNE MALADIE PERI-IMPLANT**
[72] EMANUEL, NOAM, IL
[71] POLYPID LTD., IL
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[25] EN
[54] **METHOD AND APPARATUS FOR ISOLATING AND SWITCHING LOWER-VOLTAGE PULSES FROM HIGH VOLTAGE PULSES IN ELECTROCRUSHING AND ELECTROHYDRAULIC DRILLS**
[54] **PROCEDE ET APPAREIL POUR ISOLER ET COMMUTER DESIMPULSIONS-BASSE TENSION EN IMPULSIONS HAUTE TENSION DANS DES FORETS D'ELECTRO-BROYAGE ET ELECTROHYDRAULIQUES**
[72] MOENY, WILLIAM M., US
[72] GILBRECH, JOSH, US
[72] ADLER, RICHARD, US
[71] SDG, LLC., US
[85] 2017-03-20
[86] 2014-09-23 (PCT/US2014/057060)
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[54] **PHARMACEUTICAL FORMULATION FOR REDUCING BLADDER SPASMS AND METHOD OF USE THEREOF**
[54] **FORMULATION PHARMACEUTIQUE DESTINEE A DIMINUER LES SPASMES DE LA VESSIE ET METHODE D'UTILISATION DE CETTE DERNIERE**
[72] DILL, DAVID A., US
[71] WELLESLEY PHARMACEUTICALS, LLC, US
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[54] **SYSTEM AND METHOD OF USING PERSONALIZED OUTCOME PROBABILITIES TO SUPPORT THE CONSUMER IN COMPARING COSTS AND EFFICACY OF MEDICAL TREATMENTS AND MATCHING MEDICAL PROVIDER WITH CONSUMER**
[54] **SYSTEME ET PROCEDE D'UTILISATION DE PROBABILITES DE RESULTATS PERSONNALISES POUR PRISE EN CHARGE DU CONSOMMATEUR PAR COMPARAISON DES COUTS ET DE L'EFFICACITE DE TRAITEMENTS MEDICAUX ET D'APPARIEMENT D'UN DISPENSATEUR DE SOINS MEDICAUX AVEC UN CONSOMMATEUR**
[72] YAO, MYLENE WEI MING, US
[71] UNIVFY INC., US
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[54] **TAMIS DE ZONE PARTIELLE DECALES LONGITUDINALEMENT POUR ENSEMBLE DE PUITS**
[72] MERICAS, CHRIS JAMES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD AND SYSTEM FOR USING INTERCHANGEABLE ANALYTICS MODULES TO PROVIDE TAX RETURN PREPARATION SYSTEMS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'UTILISER DES MODULES D'ANALYSE INTERCHANGEABLES POUR FOURNIR DES SYSTEMES DE PREPARATION DE DECLARATION FISCALE**
[72] MASCARO, MASSIMO, US
[72] GOLDMAN, JONATHAN R., US
[72] LAASER, WILLIAM T., US
[71] INTUIT INC., US
[85] 2017-03-20
[86] 2014-11-25 (PCT/US2014/067412)
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[54] **RAIL MANUFACTURING METHOD AND RAIL MANUFACTURING APPARATUS**
[54] **PROCEDE DE FABRICATION DE RAIL ET APPAREIL DE FABRICATION DE RAIL**
[72] OKUSHIRO, KENJI, JP
[72] KIJIMA, HIDEO, JP
[72] FUKUDA, HIROYUKI, JP
[72] YAMAGUCHI, MORIYASU, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-03-21
[86] 2015-09-10 (PCT/JP2015/004617)
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[54] **EXTERNAL PREPARATION COMPOSITION CONTAINING S-FLURBIPROFEN**
[54] **COMPOSITION POUR PREPARATION EXTERNE CONTENANT DU S-FLURBIPROFENE**
[72] UCHIKAWA, YASUMASA, JP
[72] SATO, TAKAYUKI, JP
[72] MATSUKI, KOTA, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[71] TOKUHON CORPORATION, JP
[85] 2017-03-21
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[54] **METHOD OF PREPARING SUGAR SOLUTION**
[54] **PROCEDE DE PREPARATION D'UNE SOLUTION DE SUCRE**
[72] FUNADA, SHIGEYUKI, JP
[72] KURIHARA, HIROYUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
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[86] 2015-09-18 (PCT/JP2015/076663)
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[54] **PAD, METHOD AND SYSTEM FOR PROVIDING THERMOTHERAPY AT INTRAVASCULAR CATHETER ADMINISTRATION SITE**
[54] **COMPRESSE, PROCEDE ET SYSTEME POUR REALISER UNE THERMOTHERAPIE SUR LE SITE D'ADMINISTRATION D'UN CATHETER INTRAVASCULAIRE**
[72] CLARK, SEAN, US
[71] MEDIVANCE INCORPORATED, US
[85] 2017-03-21
[86] 2015-08-17 (PCT/US2015/045548)
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[54] **VEGETABLE OIL BASED VISCOELASTIC POLYMERS THAT DISPLAY PHOTORESPONSIVE RHEOLOGICAL AND ADHESIVE PROPERTIES**
[54] **POLYMERES VISCOELASTIQUES A BASE D'HUILE VEGETALE QUI PRESENTENT DES PROPRIETES RHEOLOGIQUES ET ADHESIVES PHOTOSENSIBLES**
[72] JOY, ABRAHAM, US
[72] XU, YING, CN
[72] GOVINDARAJAN, SUDHANVA, US
[72] SWANSON, JOHN, US
[71] THE UNIVERSITY OF AKRON, US
[85] 2017-03-21
[86] 2015-09-22 (PCT/US2015/051453)
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[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO MODULATE CELL ACTIVITY**
[54] **COMPOSITIONS ET PROCEDES POUR MODULER L'ACTIVITE CELLULAIRE**
[72] STANLEY, SARAH, US
[72] FRIEDMAN, JEFFREY, US
[72] DORDICK, JONATHAN S., US
[72] SAUER, JEREMY, US
[71] RENSSELAER POLYTECHNIC INSTITUTE, US
[71] THE ROCKEFELLER UNIVERSITY, US
[85] 2017-03-21
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[25] EN
[54] **INTERNALLY TRUSSED HIGH-EXPANSION SUPPORT FOR INFLOW CONTROL DEVICE SEALING APPLICATIONS**
[54] **SUPPORT A HAUTE EXPANSION EN TREILLIS EN INTERNE POUR APPLICATIONS D'ETANCHEITE DE DISPOSITIF DE COMMANDE D'ECOULEMENT ENTRANT**
[72] MURPHREE, ZACHARY RYAN, US
[72] FRIPP, MICHAEL LINLEY, US
[72] GANO, JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. G01N 33/53 (2006.01) A61K 38/10 (2006.01) A61K 38/16 (2006.01) G01N 33/574 (2006.01)**
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[54] **METHODS AND COMPOSITIONS COMPRISING A CT20 PEPTIDE**
[54] **PROCEDES ET COMPOSITIONS COMPRENANT UN PEPTIDE CT20**
[72] KHALED, ANNETTE, US
[72] PEREZ, JESUS MANUEL, US
[72] BASSIOUNI, RANIA, US
[71] UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC., US
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[54] **ADAPTIVE NETWORK FUNCTION CHAINING**
[54] **CHAINAGE DE FONCTIONS DE RESEAU ADAPTATIF**
[72] SELLA, WILLIAM THOMAS, US
[72] TEETS, HAROLD WAYNE, US
[72] SELLA, JAMES MICHAEL, US
[72] CAPUTO, PETE JOSEPH, II, US
[72] EWERT, TRAVIS DUANE, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-03-21
[86] 2015-09-22 (PCT/US2015/051521)
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[54] **WEARABLE DISPLAY DEVICES**
[54] **DISPOSITIFS D'AFFICHAGE A PORTER**
[72] ZENOFF, ANDREW, US
[71] BEAM AUTHENTIC, INC., US
[85] 2017-03-21
[86] 2015-07-21 (PCT/US2015/041308)
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[54] **RECOVERY PROCESS**
[54] **PROCEDE DE RECUPERATION**
[72] JOHNSON, GARY DONALD, AU
[72] URBANI, MARK DANIEL, AU
[72] VINES, NICHOLAS JOHN, AU
[71] LI-TECHNOLOGY PTY LTD, AU
[85] 2017-03-22
[86] 2015-10-09 (PCT/AU2015/000608)
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[54] **ADJUSTABLE CARRY BAG**
[54] **SAC DE TRANSPORT REGLABLE**
[72] COLEMAN, ANTHONY, US
[71] COLEMAN, ANTHONY, US
[85] 2017-03-21
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[54] **BUMPER BAR**
[54] **LAME DE PARE-CHOCS**
[72] SLOAN, TODD, CA
[72] FORSBERG, CHRIS, CA
[71] AGILITY FUEL SYSTEMS, INC., US
[85] 2017-03-21
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[25] EN
[54] **USE OF FGFR MUTANT GENE PANELS IN IDENTIFYING CANCER PATIENTS THAT WILL BE RESPONSIVE TO TREATMENT WITH AN FGFR INHIBITOR**
[54] **UTILISATION DE PANELS DE GENES MUTANTS DU FGFR DANS L'IDENTIFICATION DE PATIENTS ATTEINTS DE CANCER QUI SERONT SENSIBLES A UN TRAITEMENT AVEC UN INHIBITEUR DU FGFR**
[72] KARKERA, JAYAPRAKASH, US
[72] PLATERO, SUSO JESUS, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2017-03-21
[86] 2015-09-18 (PCT/US2015/050996)
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[54] **TECHNIQUES FOR AUTOMATED PLANTING**
[54] **TECHNIQUES DESTINEES A UNE PLANTATION AUTOMATISEE**
[72] FLETCHER, LAUREN E., US
[72] RITCHIE, MATTHEW S., GB
[72] GRAHAM, SUSAN M., GB
[72] BIAN, SHUNNING, GB
[71] BIOCARBON ENGINEERING LTD., GB
[71] FLETCHER, LAUREN E., US
[71] RITCHIE, MATTHEW S., GB
[71] GRAHAM, SUSAN M., GB
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[54] **NOVEL BACTERIAL ENDOPHYTE WITH ANTIFUNGAL ACTIVITY**
[54] **NOUVEL ENDOPHYTE BACTERIEN A ACTIVITE ANTIFONGIQUE**
[72] RAIZADA, MANISH N., CA
[72] MOUSA, WALAA, CA
[72] SCHEARER, CHARLES, CA
[71] UNIVERSITY OF GUELPH, CA
[85] 2017-03-22
[86] 2015-09-28 (PCT/CA2015/050972)
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[25] EN
[54] **ELECTRONIC DIRECT VOLTAGE TRANSFORMER**
[54] **TRANSFORMATEUR DE TENSION CONTINUE ELECTRONIQUE**
[72] RINALDI, VITO, CA
[71] RINALDI, VITO, CA
[85] 2017-03-22
[86] 2015-09-18 (PCT/CA2015/050894)
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[54] **4:3 NALTREXONE: 5-METHYL-2-FURALDEHYDE COCRYSTAL**
[54] **CO-CRISTAL CONSTITUE DE 4:3 NALTREXONE: 5-METHYL-2-FURALDEHYDE**
[72] BARBIER, REMI, US
[72] FRIEDMANN, NADAV, US
[72] SRIRAMBHATLA, VIJAY, GB
[72] WATT, STEPHEN, GB
[72] ZAMLOOT, MICHAEL, US
[71] PAIN THERAPEUTICS, INC., US
[85] 2017-03-21
[86] 2015-09-24 (PCT/US2015/051849)
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[30] US (62/054,515) 2014-09-24
[30] US (62/200,309) 2015-08-03

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[25] EN
[54] **EXOSOMES USEFUL TO TREAT LYSOSOMAL STORAGE DISEASE**
[54] **EXOSOMES UTILES POUR TRAITER UNE MALADIE DE STOCKAGE LYSOSOMAL**
[72] TARNOPOLSKY, MARK, CA
[72] SAFDAR, ADEEL, CA
[71] EXERKINE CORPORATION, CA
[85] 2017-03-22
[86] 2015-09-25 (PCT/CA2015/050959)
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[30] US (62/056,125) 2014-09-26
[30] US (62/082,853) 2014-11-21
[30] US (62/112,940) 2015-02-06
[30] US (62/211,204) 2015-08-28
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[54] **AUTO-RETRACTING MECHANISM FOR FAUCET SPRAY HEAD**
[54] **MECANISME A AUTO-RETRACTION POUR TETE DE PULVERISATION POUR ROBINET**
[72] LI, HSIAO CHANG, US
[71] AS IP HOLDCO, LLC, US
[85] 2017-03-21
[86] 2015-09-21 (PCT/US2015/051169)
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[30] US (62/054,141) 2014-09-23

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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING INVISIBLE HUMAN EMOTION**
[54] **SYSTEME ET PROCEDE POUR DETECTER UNE EMOTION HUMAINE INVISIBLE**
[72] LEE, KANG, CA
[72] ZHENG, PU, CA
[71] NURALOGIX CORPORATION, CA
[85] 2017-03-22
[86] 2015-09-29 (PCT/CA2015/050975)
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[30] US (62/058,227) 2014-10-01

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[72] GHARAKHANI, ARBI, CA
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[72] MAYER, JORG, CH
[72] WEISS, MARIO, CH
[72] NIEDERHAUSER, AYMERIC, CH
[71] WOODWELDING AG, CH
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[54] **CARTON ET DECOUPE PERMETTANT DE PRODUIRE DIVERS CARTONS ET PROCEDES D'UTILISATION DESDITS CARTONS**
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[72] SOPCZYNSKI, JOAN MAZZARELLI, US
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[54] **PROCEDE DE FABRICATION D'UN ELEMENT COMPOSITE POUR ELEMENTS ISOLANTS SOUS VIDE**
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[72] DOBBIN, CHRISTOPHER, CA
[72] TAYLOR, KENNETH, CA
[72] KHAKDAMAN, HAMIDREZA, CA
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[54] **CELLULES DERIVEES DE LA CARDIOSPHERE (CDC) EN TANT QU'AGENTS THERAPEUTIQUES POUR L'HYPERTENSION PULMONAIRE**
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[72] LEWIS, MICHAEL L., US
[71] CEDARS-SINAI MEDICAL CENTER, US
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[72] CRISALLI, PETER JOSEPH, US
[72] CHIARELLO, RONALD PHILLIP, US
[71] ALVEO TECHNOLOGIES INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **TESTEUR ELECTRIQUE A RECEPTACLES TRIPHASES**
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[72] LISCINSKY, STEPHEN MICHAEL, III, US
[71] HUBBELL INCORPORATED, US
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[54] **DISPOSITIF PORTATIF DE GENERATION D'AEROSOL, ET CARTOUCHE DESTINEE A ETRE UTILISEE AVEC CE DISPOSITIF**
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[71] PHILIP MORRIS PRODUCTS S.A., CH
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[71] PROCOMP SOLUTIONS OY, FI
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[71] W.L. GORE & ASSOCIATES, INC., US
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[54] **SYSTEME MECANIQUE DE GESTION DE GRAINE DE MAUVAISES HERBES**
[72] BRADLEY, PHILLIP, AU
[71] HRT INVESTORS PTY LTD, AU
[71] BAIL & BURNIT PTY LTD, AU
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[54] **PROCEDE POUR AMELIORER LA VITESSE DE FORMATION DU PRODUIT REACTIONNEL D'UN ACIDE CARBOXYLIQUE ET D'UNE UREE PAR ADDITION D'ACIDE**
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[72] SHETH, RITESH, US
[71] STOLLER ENTERPRISES, INC., US
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[54] **SYSTEMES, DISPOSITIFS ET/OU PROCEDES PERMETTANT DE RECOUVRIR DES STRUCTURES**
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[71] CONWED PLASTICS ACQUISITION COMPANY V LLC, DBA FILTREXX INTERNATIONAL, US
[71] WOOLBRIGHT, MARK, US
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[72] MARDER, TODD, DE
[71] HIGH FORCE RESEARCH LIMITED, GB
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[54] **STRUCTURE DE CARROSSERIE AVANT DE VEHICULE**
[72] VIAUX, IVAN, FR
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[54] **BRETZEL FOURRE ENROBE ET METHODE DE FABRICATION DE BRETZEL FOURRE ENROBE A PARTIR D'UN BRETZEL CUIT**
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[54] **SPECTROMETRES A POINT QUANTIQUE DESTINES AUX DISPOSITIFS BIOMEDICAUX ET METHODES D'UTILISATION**
[72] FLITSCH, FREDERICK A., US
[72] GONZALEZ, JORGE, US
[72] PUGH, RANDALL B., US
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[54] **SYSTEME DE FILTRATION D'AIR DESTINE A LA VENTILATION D'UN SIEGE DE TOILETTE, BACS DE LITIERE POUR CHATON ET AUTRES CONTENANTS**
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[72] KEPINSKI, ANDREAS, US
[72] PASELSKY, JOHN, US
[72] WILLIAMS, JEFF, US
[72] MCKENZIE, RICHARD, US
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[54] **RECLOSABLE PACKAGE, RECLOSABLE PACKAGING METHOD, AND METHOD OF USING RECLOSABLE PACKAGE**
[54] **EMBALLAGE REFERMABLE, METHODE DE CONDITIONNEMENT D'EMBALLAGE REFERMABLE, ET METHODE D'UTILISATION D'EMBALLAGE REFERMABLE**
[72] LI, TING, US
[72] LU, ANDY, US
[72] LIN, TER-HAI, US
[72] TENG, JEFF, US
[71] INTEPLAST GROUP CORPORATION, US
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[54] **DISPOSITIF D'ACCES POUR INSTRUMENT CHIRURGICAL A MULTIPLES ORIFICES**
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[72] WIDENHOUSE, CHRISTOPHER W., US
[72] SHELTON, FREDERICK E., IV, US
[72] GILL, ROBERT P., US
[72] VOEGELE, JAMES W., US
[72] MURRAY, MICHAEL A., US
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[54] **SYSTEME D'INDICATION DE MOUVEMENTS ET DE VIBRATIONS**
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[72] WILHELM, DENNIS P., ZZ
[72] JOHNSON, RICHARD E., ZZ
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[54] **DISPOSITIF DE DECODAGE D'IMAGE, METHODE DE DECODAGE D'IMAGE ET PROGRAMMEDE DECODAGE D'IMAGE**
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[72] FUKUSHIMA, SHIGERU, JP
[71] JVC KENWOOD CORPORATION, JP
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[54] **SCHEMA NEGOTIATION FOR VERSIONED DOCUMENTS TRANSMITTED IN A DISTRIBUTED ENVIRONMENT**
[54] **NEGOCIATION DE SCHEMA POUR DES DOCUMENTS VERSIONES TRANSMIS DANS UN ENVIRONNEMENT DISTRIBUE**
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[72] ALLEN, ANDREW, US
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[71] BLACKBERRY LIMITED, CA
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[51] **Int.Cl. A61M 16/00 (2006.01) A61M 15/00 (2006.01) A61M 16/04 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **AEROSOL DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'AEROSOLS**
[72] FOLEY, MARTIN P., CA
[72] GRYCHOWSKI, JERRY R., US
[72] MEYER, ADAM, CA
[72] SCHMIDT, JAMES, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[22] 2008-04-23
[41] 2008-11-06
[62] 2,889,417
[30] US (60/926,108) 2007-04-24
[30] US (12/105,881) 2008-04-18

[21] **2,960,854**
[13] A1
[51] **Int.Cl. G10L 19/012 (2013.01)**
[25] EN
[54] **NOISE FILLING WITHOUT SIDE INFORMATION FOR CELP-LIKE CODERS**
[54] **REMPLISSAGE DE BRUIT SANS INFORMATIONS COLLATERALES POUR CODEURS DE TYPE CELP**
[72] FUCHS, GUILLAUME, DE
[72] HELMRICH, CHRISTIAN, DE
[72] JANDER, MANUEL, DE
[72] SCHUBERT, BENJAMIN, DE
[72] YOKOTANI, YOSHIKAZU, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[22] 2014-01-28
[41] 2014-08-07
[62] 2,899,542
[30] US (61/758189) 2013-01-29

[21] **2,960,857**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) G06Q 20/38 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **ONLINE MACHINE DATA COLLECTION AND ARCHIVING PROCESS**
[54] **PROCEDE MACHINE EN LIGNE DE RECUEIL ET ARCHIVAGE DE DONNEES**
[72] BARBER, TIMOTHY P., US
[71] KOUNT INC., US
[22] 2001-06-05
[41] 2001-12-20
[62] 2,411,034
[30] US (60/209,936) 2000-06-07

[21] **2,960,862**
[13] A1
[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **AUDIO ENCODER AND DECODER**
[54] **CODEUR ET DECODEUR AUDIO**
[72] HEDELIN, PER HENRIK, SE
[72] CARLSSON, PONTUS JAN, SE
[72] SAMUELSSON, JONAS LEIF, SE
[72] SCHUG, MICHAEL, DE
[71] DOLBY INTERNATIONAL AB, NL
[22] 2008-12-30
[41] 2009-07-16
[62] 2,709,974
[30] SE (0800032-5) 2008-01-04
[30] EP (08009530.0) 2008-05-24
[30] US (61/055,978) 2008-05-24

[21] **2,961,034**
[13] A1
[51] **Int.Cl. G03G 21/18 (2006.01) G03G 15/22 (2006.01)**
[25] EN
[54] **PROCESS CARTRIDGE, ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS AND ELECTROPHOTOGRAPHIC PHOTOSENSITIVE DRUM UNIT**
[54] **CARTOUCHE DE TRAITEMENT, APPAREIL DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE, ET UNITE DE TAMBOUR PHOTOSENSIBLE ELECTROPHOTOGRAPHIQUE**
[72] UENO, TAKAHITO, JP
[72] MIYABE, SHIGEO, JP
[72] MORIOKA, MASANARI, JP
[72] HISANO, MASATO, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2007-12-25
[41] 2008-07-03
[62] 2,670,502
[30] JP (2006-346190) 2006-12-22
[30] JP (2007-042665) 2007-02-22
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[13] A1
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[25] EN
[54] **EXPANDABLE MEMBER FOR DEPLOYING A PROSTHETIC DEVICE**
[54] **ELEMENT EXTENSIBLE SERVANT A DEPLOYER UNE PROTHESE**
[72] TAYLOR, DAVID M., US
[72] MARCHAND, PHILIPPE, US
[72] WOOD, LARRY, US
[72] BOWES, ROBERT, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[22] 2009-03-02
[41] 2009-09-03
[62] 2,714,605
[30] US (61/032,851) 2008-02-29

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[21] **2,961,078**
[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/15 (2006.01) A61L 15/22 (2006.01) A61L 15/42 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **MULTI-LAYER DRESSINGS, SYSTEMS, AND METHODS FOR APPLYING REDUCED PRESSURE AT A TISSUE SITE**
[54] **PANSEMENTS MULTICOUCHES, SYSTEMES ET PROCEDES D'APPLICATION D'UNE PRESSION REDUITE A UN SITE DE TISSU**
[72] OLSON, JOHNATHAN SCOTT, US
[71] KCI LICENSING, INC., US
[22] 2009-09-16
[41] 2010-03-25
[62] 2,735,136
[30] US (61/098,000) 2008-09-18
[30] US (61/098,015) 2008-09-18

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[13] A1
[51] **Int.Cl. A21B 3/04 (2006.01) A23L 5/10 (2016.01) A21B 1/24 (2006.01) A21B 1/40 (2006.01) A47J 27/04 (2006.01) A47J 37/04 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING PRECOOKED BACON SLICES**
[54] **PROCEDE DE FABRICATION DE TRANCHES DE BACON PRECUITES**
[72] HOWARD, DAVID, US
[71] UNITHERM FOOD SYSTEMS, INC., US
[22] 2008-11-03
[41] 2009-07-16
[62] 2,711,889
[30] US (12/013,337) 2008-01-11

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[21] **2,961,222**
[13] A1
[51] **Int.Cl. B62B 3/00 (2006.01) H04W 4/00 (2009.01) G06Q 10/08 (2012.01) G06Q 30/02 (2012.01) A47F 10/02 (2006.01) B62B 3/14 (2006.01) B62B 5/00 (2006.01) G09F 21/04 (2006.01) H04B 1/59 (2006.01)**
[25] EN
[54] **MEDIA ENABLED ADVERTISING SHOPPING CART SYSTEM**
[54] **SYSTEME DE CHARIOT A PUBLICITE MULTIMEDIA**
[72] BRICE, DAVID GEORGE, US
[72] CARPENTER, STEVE, US
[72] ANDERSON, SEAN, US
[72] GROSS, ED, US
[72] GIBBONS, JAMES E., JR., US
[71] MEDIA CART HOLDINGS, INC., US
[22] 2006-06-28
[41] 2007-01-04
[62] 2,613,371
[30] US (60/694,575) 2005-06-28
[30] US (60/702,831) 2005-07-27
[30] US (60/705,776) 2005-08-05
[30] US (60/713,320) 2005-09-01
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[21] **2,961,223**
[13] A1
[51] **Int.Cl. C12M 1/26 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **SUBJECT MOVING DEVICE**
[54] **DISPOSITIF DE DEPLACEMENT DE SUJET**
[72] ITO, SABURO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2013-12-12
[41] 2015-06-18
[62] 2,933,017

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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) A01C 15/04 (2006.01) G01F 1/86 (2006.01) G05D 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING PRODUCT FLOW TO AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME ET METHODE DE REGULATION DU FLUX DU PRODUIT VERS UNE MACHINE AGRICOLE**
[72] BINSIRAWANICH, PANA, TH
[72] NOBLE, SCOTT DAVID, CA
[72] HENRY, JIM, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2012-04-12
[41] 2013-03-09
[62] 2,773,973
[30] US (13/229,085) 2011-09-09

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[21] **2,961,250**
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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **REWRITING SEARCH QUERIES ON ONLINE SOCIAL NETWORKS**
[54] **REECRITURE D'INTERROGATIONS DE RECHERCHE SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] RAINA, RAJAT, US
[72] STEWART, ALLAN, US
[72] MASHIACH, LI-TAL, US
[71] FACEBOOK, INC., US
[22] 2014-07-28
[41] 2015-02-05
[62] 2,919,664
[30] US (13/954,719) 2013-07-30

[21] **2,961,251**
[13] A1
[51] **Int.Cl. H02G 3/14 (2006.01)**
[25] EN
[54] **WHILE-IN-USE OUTDOOR COVER WITH RECESSED ELECTRICAL DEVICE**
[54] **COUVERCLE D'EXTERIEUR PENDANT LE FONCTIONNEMENT AVEC APPAREIL ELECTRIQUE ENCASTRE**
[72] JOLLY, ROBERT KEVIN, US
[72] GALLUCCI, PETER J., US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2014-07-29
[41] 2015-03-23
[62] 2,857,918
[30] US (61/881,047) 2013-09-23
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[21] **2,961,259**
[13] A1
[51] **Int.Cl. G01W 1/00 (2006.01) H04W 4/02 (2009.01) G01W 1/10 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE WEATHER ANALYSIS SYSTEM FOR USER-SPECIFIED NOTIFICATION THRESHOLDS**
[54] **SYSTEME D'ANALYSE METEOROLOGIQUE PERSONNALISABLE**
[72] RAINEY, R. LEE, US
[72] VINCENT, BILL, US
[72] MCGEEVER, CASEY, US
[72] MASSUNG, MICHELLE L., US
[72] PAVLIK, GREGG, US
[71] ACCUWEATHER, INC., US
[22] 2014-09-10
[41] 2016-03-17
[62] 2,959,011

[21] **2,961,313**
[13] A1
[51] **Int.Cl. H01B 11/00 (2006.01) H01B 11/02 (2006.01) H01B 11/20 (2006.01)**
[25] EN
[54] **ECONOMICAL BOOSTED HIGH SPEED DATA CABLE**
[54] **CABLE DE DONNEES A GRANDE VITESSE PEU COUTEUX PRESENTANT DES CARACTERISTIQUES AMELIOREES**
[72] HORAN, JOHN MARTIN, IE
[72] MURPHY, GERALD DONAL, IE
[72] MC GOWAN, DAVID WILLIAM, IE
[71] SPECTRA7 MICROSYSTEMS (IRELAND) LIMITED, IE
[22] 2011-07-12
[41] 2012-01-13
[62] 2,745,916
[30] US (12/805,103) 2010-07-13
[30] US (12/805,101) 2010-07-13
[30] US (12/064,044) 2011-03-03
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[30] US (13/064,043) 2011-03-03
[30] US (13/064,040) 2011-03-03
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[21] **2,961,333**
[13] A1
[51] **Int.Cl. A61B 90/20 (2016.01) A61B 90/30 (2016.01) A61B 1/05 (2006.01) A61B 5/00 (2006.01) A61B 6/00 (2006.01) G02B 27/00 (2006.01) G02B 7/04 (2006.01) G02B 17/00 (2006.01) G02B 27/30 (2006.01)**
[25] EN
[54] **A MEDICAL IMAGING SYSTEM FOR ILLUMINATING TISSUE SAMPLES USING THREE-DIMENSIONAL STRUCTURED ILLUMINATION MICROSCOPY**
[54] **UN SYSTEME D'IMAGERIE MEDICALE SERVANT A ILLUMINER DES PRELEVEMENTS DE TISSU AU MOYEN DE LA MICROSCOPIE A ILLUMINATION STRUCTUREE TRIDIMENSIONNELLE**
[72] BAI, YANHUI, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] MAK, SIU WAI JACKY, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] PANTHER, ALEXANDER GYLES, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2015-08-24
[41] 2016-08-01
[62] 2,930,738

[21] **2,961,336**
[13] A1
[51] **Int.Cl. G10L 19/00 (2013.01)**
[25] EN
[54] **AUDIO ENCODERS, AUDIO DECODERS, SYSTEMS, METHODS AND COMPUTER PROGRAMS USING AN INCREASED TEMPORAL RESOLUTION IN TEMPORAL PROXIMITY OF ONSETS OR OFFSETS OF FRICATIVES OR AFFRICATES**
[54] **CODEURS AUDIO, DECODEURS AUDIO, SYSTEMES, PROCEDES ET PROGRAMMES D'ORDINATEUR UTILISANT UNE RESOLUTION TEMPORELLE ACCRUE A PROXIMITE TEMPORELLE DE DEBUTS OU DE FINS DE FRICATIVES OU D'AFFRIQUEES**
[72] DISCH, SASCHA, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MULTRUS, MARKUS, DE
[72] SCHNELL, MARKUS, DE
[72] TRITTHART, ARTHUR, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[22] 2014-01-28
[41] 2014-08-07
[62] 2,899,540
[30] US (61/758078) 2013-01-29

[21] **2,961,396**
[13] A1
[51] **Int.Cl. A45C 7/00 (2006.01) A45C 3/00 (2006.01) A45C 5/00 (2006.01)**
[25] EN
[54] **FLEXIBLE SPORTS BAG**
[54] **SAC DE SPORT FLEXIBLE**
[72] COLLINS, GREGORY J., CA
[72] HUGHSON, MATTHEW G., CA
[72] DOBO, ERIN D., CA
[71] GRIT INC., CA
[22] 2014-01-21
[41] 2014-07-21
[62] 2,839,787
[30] US (61/754,814) 2013-01-21

[21] **2,961,818**
[13] A1
[51] **Int.Cl. H04N 19/117 (2014.01) H04N 19/107 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE DECODING DEVICE, IMAGE ENCODING DEVICE, IMAGE DECODING METHOD, AND IMAGE ENCODING METHOD**
[54] **DISPOSITIF DE DECODAGE D'IMAGE VIDEO, DISPOSITIF DE CODAGE D'IMAGE VIDEO, PROCEDE DE DECODAGE D'IMAGE VIDEO ET PROCEDE DE CODAGE D'IMAGE VIDEO**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] MIYAZAWA, KAZUYUKI, JP
[72] ITANI, YUSUKE, JP
[72] HATTORI, RYOJI, JP
[72] MORIYA, YOSHIMI, JP
[72] HIWASA, NORIMICHI, JP
[72] SEKIGUCHI, SHUNICHI, JP
[72] MURAKAMI, TOKUMICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[22] 2013-01-09
[41] 2013-07-25
[62] 2,862,805
[30] JP (2012-009128) 2012-01-19

[21] **2,961,824**
[13] A1
[51] **Int.Cl. H04N 19/593 (2014.01) H04N 19/107 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DECODAGE D'IMAGE ET PROCEDE DE DECODAGE D'IMAGE**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[22] 2012-01-06
[41] 2012-07-19
[62] 2,823,503
[30] JP (2011-004038) 2011-01-12

[21] **2,961,849**
[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) C12N 15/113 (2010.01) A23K 10/10 (2016.01) A23L 33/135 (2016.01) A23C 9/123 (2006.01) C12N 9/14 (2006.01) C12N 9/24 (2006.01) C12N 15/00 (2006.01) C12N 15/31 (2006.01) C12N 15/55 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **USE OF CRISPR ASSOCIATED GENES (CAS)**
[54] **UTILISATION DE GENES ASSOCIES A CRISPR-CAS**
[72] BARRANGOU, RODOLPHE, US
[72] FREMAUX, CHRISTOPHE, FR
[72] BOYAVAL, PATRICK, FR
[72] ROMERO, DENNIS, US
[72] HORVATH, PHILIPPE, FR
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[22] 2006-08-25
[41] 2007-03-01
[62] 2,619,833
[30] US (60/711,396) 2005-08-26
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ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES 2,956,787
ASSOCIATION INSTITUT DE MYOLOGIE 2,955,285
ATELIERS BUSCH SA 2,961,977
ATELIERS BUSCH SA 2,961,979
ATKINS, STUART ALAN 2,960,311
ATLAS SP. Z O. O. 2,961,723
ATOLAGBE, TIMOTHY 2,956,316
AYABE, KEIICHI 2,961,448
BACHMAN, JAMES L. 2,961,493
BACHMAYER, JOSSE 2,958,295
BADJA, CHERIF 2,956,787
BAETS, PETER JOHANNES MARIE 2,956,386
BAETS, PETER JOHANNES MARIE 2,956,387
BAI, JIANBIAO 2,948,274
BAIER, STEFAN 2,961,364
BAIL & BURNIT PTY LTD 2,962,146
BAKER HUGHES INCORPORATED 2,961,469
BAKER, CHRIS C. 2,958,693
BAKER, DAVID 2,958,520
BAKIN, KIRILL BORISOVICH 2,961,269
BALK, ROELOF 2,961,590
BALTIC PACKAGING A/S 2,962,106
BANDROWSKY, TERESA 2,961,699
BANEGAS, FREDERIC 2,960,751
BAR-OR, JONATHAN 2,961,325
BARBIER, REMI 2,962,080
BARDEN, TIMOTHY CLAUDE 2,961,489
BARKATS, MARTINE 2,955,285
BARLOT, JEAN 2,961,671
BARNEA, EYTAN R. 2,961,375
BARNES, JASON 2,961,911
BARNES, JOELLA 2,954,422
BARRETT, JENNIFER G. 2,961,612
BARTEL, DAVID 2,953,883
BARTELS-FREIHERR VARNBULER VON UND ZU HEMMINGEN, CHRISTIAN 2,958,270
BASF SE 2,950,485
BASF SE 2,958,424
BASF SE 2,961,590
BASF SE 2,962,110
BASSIOUNI, RANIA 2,962,062
BATISTA, RUI NUNO 2,962,137
BAUCHE, CECILE 2,956,385
BAUER, MARTIN 2,961,687
BAUGHMAN, GARY M. 2,961,467
BAUMBERG, ISRAEL 2,961,901
BAYER ANIMAL HEALTH GMBH 2,952,525
BAYER PHARMA AKTIENGESELLSCHAFT 2,952,526
BAYON, YVES 2,960,927
BAZARGAN, LEILA 2,955,382
BC CANCER AGENCY 2,961,535
BEAM AUTHENTIC, INC. 2,962,066
BEAUDIN, NIKOLAS 2,958,405
BEAUMONT, MAURICE 2,960,338
BECTON, DICKINSON AND COMPANY 2,959,709
BECTON, DICKINSON AND COMPANY 2,959,713
BECTON, DICKINSON AND COMPANY 2,961,637
BEENKEN, BJORN 2,958,504
BEESON, RICHARD 2,955,778
BELDER, CORNELIS 2,958,540
BELHOCINE, KAMILA 2,961,209
BELLET, VINCENT 2,959,515
BELLO GIL, DANIEL 2,958,600
BELSON, RON 2,961,325

BEN CHAABANE, FADHEL 2,956,372
BEN, YOSEF 2,956,048
BENNETT, NATHAN L. 2,962,144
BENSON HILL BIOSYSTEMS, INC. 2,955,025
BERAN, BORA 2,960,618
BERAN, BORA 2,960,718
BERARD, XAVIER 2,961,808
BERG, JOHAN 2,961,556
BERRY PLASTICS CORPORATION 2,958,323
BHAT, BALKRISHEN 2,953,883
BHATTARAI, NIRJAL 2,961,568
BIALUCHA, CARL ULI 2,954,599
BIAN, SHUNNING 2,962,076
BIASIBETTI, FEDERICO 2,958,529
BICKERTON, ERICA 2,953,677
BIELEFELDT, JAMES ALAN 2,961,554
BIFERI, MARIA-GRAZIA 2,955,285
BINNEWIES, MIKHAIL 2,961,950
BIOCARBON ENGINEERING LTD. 2,962,076
BIOINCEPT, LLC 2,961,375
BIOMED-ZET LIFE SCIENCE GMBH 2,951,728
BIOTECHNOLOGY AND HEALTH INNOVATIONS, INC. 2,961,532
BIOWISH TECHNOLOGIES, INC. 2,954,422
BIRBARA, PHILIP J. (DECEASED) 2,961,376
BISSELL, RICHARD ALEXANDER 2,952,526
BJORGUM, ASTRID 2,961,992
BLACKHALL, LACHLAN JOHN EMBLEN 2,961,519
BLATTER, FRITZ 2,950,485
BLUM, STEVEN C. 2,958,285
BLUM, YIGAL 2,956,048
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,961,493
BOILEAU, EDMOND 2,958,411
BOIRE, ADRIENNE 2,961,894
BOIT, BAPTISTE 2,955,845
BOLAN, PATRICK J. 2,958,861
BOLLERMAN, DONALD 2,961,758
BOLOOR, AMOGH 2,961,610
BOMBARDIER INC. 2,958,405
BOMBARDIER INC. 2,958,411
BOSTON SCIENTIFIC SCIMED, INC. 2,960,293
BOSTON SCIENTIFIC SCIMED, INC. 2,961,397
BOTANOCAP LTD. 2,961,298
BOUDREAU, JOSEPH EDWARD 2,961,526
BOUGLAS, RICHARD ALEXANDER 2,952,526
BOUILLOT, FREDERIQUE 2,958,707
BOULAY, CLEMENCE 2,956,384
BOULGAKOV, ALEXANDER 2,961,493
BOURCIER DE CARBON, CELINE 2,956,384
BOUZIDI, LAZIZ 2,961,446
BOUZIDI, LAZIZ 2,961,449
BOYD, STEPHEN 2,961,757
BOYLE, TIMOTHY J. 2,961,372
BRADLEY, PHILLIP 2,962,146
BRADLEY, WILLIAM JAMES 2,960,937
BRADLEY, WILLIAM JAMES 2,961,127
BRADLEY, WILLIAM JAMES 2,961,307
BRAYSY, OLLI 2,962,139
BREAST-MED, INC. 2,958,861
BREGA, MOOREA 2,960,424
BREMOND, MELANIE 2,956,184
BREMOND, MELANIE 2,956,189
BRENNAN, JOSEPH M. 2,961,471
BRETSCHNEIDER, THOMAS (DECEASED) 2,952,525
BRIAND, NOLWENN 2,956,768
BRIFFOD, JEAN-PAUL 2,958,474
BRITTON, PAUL 2,953,677
BROCIA, ROBERT 2,961,608
BROERMAN, MARK 2,961,494
BROGDON, JENNIFER 2,955,154
BROOKS, IAN L. 2,961,395
BROWN, CHRISTINE E. 2,961,676
BROWN, ELIZABETH 2,957,849
BROZ, MIRANDA 2,961,950
BRUEGGEMANN, OLIVER 2,951,728
BRUTNELL, THOMAS P. 2,955,025
BRUTON, ERIC 2,961,699
BRYANT, DOUGLAS W. 2,955,025
BRYTLYT LIMITED 2,960,456
BUCK, DANIEL 2,958,883
BUCK, DANIEL 2,958,894
BUDHAVARAM, NARESH 2,958,565
BUNKER, KEVIN DUANE 2,961,605
BUQUET, FABRICE 2,955,845
BURNETT, DANIEL R. 2,961,757
BUTLER, PAUL 2,958,589
CADOGAN, DAVID PHILLIP 2,961,365
CADY, DANIEL 2,961,502
CADY, KEVIN J. 2,961,543
CAIN, JENNIFER ANNE 2,961,374
CALDERON OLIVERAS, ENRIQUE 2,958,883
CALDERON OLIVERAS, ENRIQUE 2,958,894
CALDWELL, RICHARD J. 2,961,507
CAMERON, COLIN 2,960,389
CAMPBELL, COLIN IAN 2,958,731
CANADIAN TIRE CORPORATION LIMITED 2,961,780
CANDELA CANALES, VICENTE MANUEL 2,961,600
CANEPPELE, LEONARDO 2,956,694
CANN, GORDON 2,955,382
CANNAN, CHAD 2,961,372
CANNAN, CHAD 2,961,502
CAO, GUORONG 2,961,675
CAO, GUORONG 2,961,678
CAPEAU, JACQUELINE 2,956,768
CAPEL, EMILIE 2,956,768
CAPURRO, JORGE 2,961,887
CAPUTO, PETE JOSEPH, II 2,962,064
CARBERRY, JOHN 2,961,473
CARBERRY, MATTHEW JOHN 2,961,473
CARBO CERAMICS INC. 2,961,372
CARBO CERAMICS INC. 2,961,502
CARDIMETRIX LLC 2,958,282
CARDIOVASCULAR SYSTEMS, INC. 2,961,926
CARPENTER, RICHARD S. 2,954,422
CARRILLO, CARLOS A. 2,961,569
CARRO, EDUARDO M. 2,961,367
CARTER, PAUL 2,961,439
CARTER, PERRY K. 2,952,632
CASKEY, DOUGLAS 2,961,699
CASPER, KILDEGAARD 2,958,507
CATERPILLAR INC. 2,958,301
CATERPILLAR SARL 2,953,043
CAVRENNE, JONATHAN 2,956,107
CAZENAVE, JEAN-MICHEL 2,958,731
CCL LABEL, INC. 2,961,657
CEDARS-SINAI MEDICAL CENTER 2,962,114
CELANESE ACETATE LLC 2,958,565
CELGENE CAR LLC 2,961,607
CELGENE QUANTICEL RESEARCH, INC. 2,961,525
CELGENE QUANTICEL RESEARCH, INC. 2,961,580
CELGENE QUANTICEL RESEARCH, INC. 2,961,610
CELLECTIS 2,956,482
CENTRE FOR ADDICTION AND MENTAL HEALTH 2,961,520
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,956,384
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,961,860
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,955,270
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,955,285
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,956,385
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,958,647
CETTI, JONATHAN ROBERT 2,950,618
CHAE, CHONG HAK 2,952,787
CHAGRAOUI, JALILA 2,961,535
CHAMPENOIS, CAROLINE ANTOINETTE MADELEINE 2,961,860
CHANG, CHUN-CHIEH 2,956,032
CHANG, FRANK 2,958,458
CHANG, HONGFEI 2,948,274
CHANG, TSUN YU 2,956,032
CHANGS ASCENDING ENTERPRISE CO., LTD. 2,956,032

CHANPURA, REENA AGARWAL 2,961,722
CHARLEUX, FRANCOIS 2,959,115
CHARRIER, EMMANUEL BERNARD MARIE 2,958,662
CHASSARD, ORIANNE 2,951,006
CHAUSSEPIED, BERNARD 2,956,372
CHELLAPPAN, SHEELA K. 2,961,738
CHEN, CHIEN-HUNG 2,961,660
CHEN, I-JU 2,961,522
CHEN, JIAN 2,961,520
CHEN, LI-CHANG 2,961,602
CHEN, MARK 2,961,439
CHEN, MING 2,954,058
CHEN, QING 2,961,894
CHEN, YOUNG K. 2,961,525
CHEN, YOUNG K. 2,961,580
CHEN, YUAN-JUNG 2,961,956
CHEN, YUAN-TE 2,961,956
CHEUNG, NAI-KONG V. 2,956,014
CHIARELLO, RONALD PHILLIP 2,962,127
CHIDICHIMO, DARCI 2,961,420
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,948,274
CHIODO, TIZIANA 2,950,485
CHIOSIS, GABRIELA 2,961,499
CHO, SUNG YUN 2,952,787
CHRISTIANSEN, STIG HILL 2,958,421
CHUAQUI, CLAUDIO 2,961,607
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,961,968
CIRCONUS, INC. 2,961,751
CIRILLO, ANTONIO 2,959,611
CITY OF HOPE 2,961,676
CLARIANT INTERNATIONAL LTD 2,961,687
CLARK, BRENDAN JOSEPH 2,960,183
CLARK, SEAN 2,962,037
CLARK, WILLIAM M. 2,952,567
CLAUSON, LUKE W. 2,961,649
CLEMENS, JOHN M. 2,961,743
COFFMAN, ERIN 2,961,613
COHEN, AMIR 2,961,325
COHEN, AVI 2,961,901
COHEN, CELINE 2,956,372
COHEN, DVIR 2,957,362
COLAS 2,955,884
COLAVITO, KYLE W. 2,962,144
COLE, ERIC V. 2,961,492
COLEMAN, ANTHONY 2,962,072
COLLINS, MARILYN 2,958,565
COLLINS, SCOTT 2,954,599
COLOMBANI, EDDY 2,959,576
COLOPLAST A/S 2,960,909
COMBS, MICHAEL 2,958,565
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,955,884
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,956,384
CONCEICAO, GUARACI NAKAMURA RODRIGUES 2,956,694
CONLEY, DALE 2,961,494
CONNER, MARK 2,961,502
CONSTELLATION PHARMACEUTICALS, INC. 2,952,830
CONWED PLASTICS ACQUISITION COMPANY V LLC, DBA FILTREXX INTERNATIONAL 2,962,149
COQUELLE, ERIC 2,955,884
CORBIN, BRIAN SCOTT 2,961,561
CORNEILLIE, SEBASTIEN 2,954,947
CORNELL UNIVERSITY 2,961,414
CORNIA, ANTHONY 2,961,891
CORUJO-MARTINEZ, JUAN IGNACIO 2,955,479
COSTA VALLES, CRISTINA 2,958,600
COTTREAU, MARTIN 2,961,383
COUPIER, HERVE FRANCOIS 2,958,149
COVIDIEN LP 2,959,031
COWAN, MICHAEL 2,961,673
COWEN, MICHAEL J. 2,960,088
CRAYOLA, LLC 2,961,895
CRISALLI, PETER JOSEPH 2,962,127
CSB-SYSTEM AG 2,953,852
CULLY, EDWARD H. 2,960,878
CUMMINGS, JEFFREY S. 2,961,376
CUNEO, ADAM NATHAN 2,958,216
D'HONDT, ELS 2,954,737
D'ORGEVAL, TRISTAN 2,960,424
DAJUSTCO IP HOLDINGS INC. 2,961,521
DAM, BIDHAN 2,958,286
DANIELI, GUY 2,961,901
DANOV, VLADIMIR 2,954,315
DAR, AMIT 2,961,325
DATH, JEAN-PIERRE 2,951,006
DAVIDOCK, DREW 2,961,637
DAVIDSON, BEV 2,961,568
DAVIS, GARY 2,961,761
DE BOER, GEERT JOHANNES 2,955,735
DE HAAN, ANDRE BANIER 2,956,386
DE HAAN, ANDRE BANIER 2,956,387
DE LA GARZA DE LA FUENTE, JOSE ANGEL 2,961,564
DE WAELE, BART 2,961,851
DECKER, ELDON L. 2,955,468
DECOR, ANNE 2,952,525
DEDONDER-LARDEUX, CLAUDE 2,961,860
DEKRAFT, KATHRYN 2,961,772
DELEERSNYDER, GEERT ANDRE 2,961,788
DELPHI GENETICS 2,956,107
DEMATTEIS, MARIA A. 2,955,297
DENIS, MARC LEE 2,958,203
DENNER, ANDREAS 2,958,284
DENSON, JESSE 2,959,031
DESCHUTTER, DOUG 2,961,383
DESNOYERS, NICHOLA 2,961,799
DESPOTOPOULOU, MARINA 2,961,471
DEVILLE, JAY P. 2,961,569
DEVIS, GEOFFREY 2,958,604
DEVIS, GEOFFREY 2,958,606
DEWEY, RYAN 2,961,567
DEY, RAJAT 2,960,311
DHARSEE, MOYEZ 2,961,520
DI CAPUA, GLORIA 2,961,788
DIAS, TILAK KITHSIRI 2,960,709
DIBZIT.COM, INC. 2,961,665
DIEKEVERS, MARK STEVEN 2,958,301
DIFALCO, RAY J. 2,961,460
DIHORA, JITEN ODHAVJI 2,950,618
DILL, DAVID A. 2,962,004
DIMOV, DMITRY 2,959,510
DION, STEPHANIE LEE 2,961,954
DIONNE, JASON 2,961,911
DITNER, SYLVIE 2,962,155
DIWAN, DHIRENDRA 2,961,554
DMITRIENKO, TATIANA VLADIMIROVNA 2,961,957
DO, HUNG 2,961,762
DOBBIN, CHRISTOPHER 2,962,113
DODD, DAVID 2,961,959
DOMEIER, WOLFGANG WERNER HANS 2,961,684
DONG, WENTING 2,961,772
DONOHUE, MICHAEL B. 2,959,514
DORDICK, JONATHAN S. 2,962,052
DOZONO, HIROYUKI 2,961,935
DRAUGELIS, MIKE 2,960,815
DRITSCHILO, ANATOLY 2,961,759
DRNC HOLDINGS, INC. 2,961,908
DSG TECHNOLOGY LLC 2,961,494
DSM IP ASSETS B.V. 2,948,245
DUBE, MARIE-PIERRE 2,953,483
DUBEY, ASHISH 2,958,289
DUCHEN, MICHAEL ROLAND 2,958,520
DUENCKEL, ROBERT 2,961,502
DUFFY, ALLISON 2,961,780
DUNLEVY, TIMOTHY SCOTT 2,961,561
DUNPHY, MARK 2,961,499
DURAN, BERTRAND-ELIE 2,956,384
DURR, CLEMENS 2,954,599
DUSSAULT, KATHLEEN 2,958,411
DUSSEAU, MICHAEL JAMES 2,958,287
EA PHARMA CO., LTD. 2,961,311
EBAY INC. 2,961,952
EBERSBACH, HILMAR 2,955,154
EBERT, SOPHIA 2,958,424
EBERT, SOPHIA ROSA 2,958,655
ECHIGO, MITSUAKI 2,961,710
ECHIGO, MITSUAKI 2,961,714
EICKHOFF, JONATHAN 2,958,323
EIDAMSHAUS, CHRISTIAN 2,958,424
EIDAMSHAUS, CHRISTIAN 2,958,655
EKNOIAN, MICHAEL W. 2,956,694
EL CHEIKH ALI, FADI 2,961,549
ELASTAGEN PTY LTD 2,961,655
ELIAS, LISSY 2,960,311
ELLERING, NICHOLAS 2,961,926
ELLINGTON, ANDREW 2,961,493
ELLIOTT, PHILLIP 2,961,655

ELLIOTT, RUSSELL PHILLIP 2,961,735
ELMINDA LTD. 2,961,451
ELSE, ROBERT ARTHUR 2,958,513
ELSENTRIECY, HASSAN H. 2,961,501
ELST, KATHY 2,954,737
EMANUEL, NOAM 2,961,998
EMBO MEDICAL LIMITED 2,961,431
EMORY UNIVERSITY 2,961,672
ENGLERT, MATTHEW JOHN 2,961,591
ENTSFELLNER, CHRISTIAN 2,959,690
ENZA ZADEN BEHEER B.V. 2,955,735
EOR TECHNOLOGIES APS 2,961,850
EPPINK, MICHEL H.M. 2,954,737
ERTEL, JASON R. 2,958,689
ESHOO, MARK W. 2,961,743
ESTRADA, JESUS 2,961,763
ETHICON, INC. 2,960,589
ETHINGTON, JAMES 2,960,424
EVANS, KEN 2,961,520
EVANS, OWEN 2,961,772
EVEN-DESRUMAUX, KLERVI 2,956,385
EVONIK DEGUSSA GMBH 2,948,245
EWERT, TRAVIS DUANE 2,962,064
EWONIUK, AARON MICHAEL 2,949,330
EXCO TECHNOLOGIES LIMITED 2,961,805
EXERKINE CORPORATION 2,962,081
F. HOFFMANN-LA ROCHE AG 2,953,483
F. HOFFMANN-LA ROCHE AG 2,961,417
F.HOFFMANN-LA ROCHE AG 2,952,539
FALLEBOE, HANS 2,960,909
FANGROW, THOMAS F. 2,953,229
FARES, IMAN 2,961,535
FARHADIROUSHAN, MAHMOUD 2,959,575
FARQUHARSON, G. MARK 2,956,316
FASTHUM S.R.L. 2,956,038
FATHI, MARCUS 2,961,992
FAULKNER, LYNN LEROY 2,961,736
FEDERAL EXPRESS CORPORATION 2,958,190
FELDMAR, JACQUES 2,960,751
FERENCZ, ANDREAS 2,958,436
FERNANDEZ, ALEXANDER L. 2,961,364
FERNANDEZ, HECTOR R. 2,961,364
FERNANDEZ, LOUIS 2,961,599
FIELD, EDWIN W. 2,962,144
FILIPPOV, ANDREY 2,961,558
FINNIGAN, PATRICK 2,960,181
FINSCHI, LUKAS 2,958,341
FISCHER, REINER 2,952,525
FISHER CONTROLS INTERNATIONAL LLC 2,952,632
FISHER, MARK ROBERT 2,961,633
FLETCHER, LAUREN E. 2,962,076
FLODESIGN SONICS, INC. 2,961,911
FLOW CONTROL LLC. 2,961,763
FLOWER, DANIEL OWEN 2,961,364
FLUID ENERGY GROUP LTD. 2,961,777
FLUID ENERGY GROUP LTD. 2,961,783
FLUID ENERGY GROUP LTD. 2,961,787
FLUID ENERGY GROUP LTD. 2,961,792
FLUID ENERGY GROUP LTD. 2,961,794
FOLEY, JOHN 2,961,126
FONDAZIONE TELETHON 2,955,297
FONTAYNE, ALEXANDRE 2,956,822
FORDE, COLIN 2,961,431
FORKOSH, ERIC 2,958,282
FORMAN, STEPHEN J. 2,961,676
FORSBERG, CHRIS 2,962,074
FOUSSARD, THIERRY 2,958,604
FOUSSARD, THIERRY 2,958,606
FRANCIS, LOREN 2,960,668
FRANCK, JAN 2,958,532
FRASER, JIM 2,961,800
FRED HUTCHINSON CANCER RESEARCH CENTER 2,961,535
FREESE, ROBERT PAUL 2,961,338
FREIDLITZ, LARS 2,961,556
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,958,510
FREUNDT, KARSTEN 2,955,752
FRICKE, MARC 2,962,110
FRIEDLI, PAUL 2,958,341
FRIEDMAN, JEFFREY 2,962,052
FRIEDMANN, NADAV 2,962,080
FRIEDRICH, MATTHIAS 2,956,471
FRIPP, MICHAEL LINLEY 2,962,058
FRITO-LAY NORTH AMERICA, INC. 2,955,479
FROST, GREGORY IAN 2,962,099
FROSTAA, ISAK 2,960,909
FU, YUCHENG 2,961,459
FU, YUCHENG 2,961,679
FUJI, JUNICHI 2,961,703
FUJIFILM CORPORATION 2,961,935
FUJIFILM RI PHARMA CO., LTD. 2,961,935
FUKUDA, HIROYUKI 2,962,031
FUKUNAGA, HIROFUMI 2,961,935
FUKUYAMA, SHIRO 2,961,448
FUNADA, SHIGEYUKI 2,962,035
FURTWANGLER, BRANDON C. 2,960,176
FURTWANGLER, BRANDON C. 2,960,181
FURTWANGLER, BRANDON C. 2,960,183
FURTWANGLER, BRANDON C. 2,960,185
FURTWANGLER, NATHAN J. E. 2,960,176
FURTWANGLER, NATHAN J. E. 2,960,181
FURTWANGLER, STEVEN N. 2,960,185
FURTWANGLER, TYLER R. 2,960,176
FURTWANGLER, TYLER R. 2,960,181
FURTWANGLER, TYLER R. 2,960,185
GADDY, WILLIAM L. 2,961,719
GALLIX, BENOIT 2,960,751
GANO, JOHN 2,962,058
GARCIA-GONZALEZ, LINSEY 2,954,737
GARDNER DENVER DEUTSCHLAND GMBH 2,958,284
GARM, JESPER HASSELBALCH 2,958,507
GARNER, JOHN 2,961,777
GARNER, JOHN 2,961,783
GARNER, JOHN 2,961,787
GARNER, JOHN 2,961,792
GARNER, JOHN 2,961,794
GATTON, BRIAN M., JR. 2,961,529
GAUME, JULIEN 2,955,884
GAUTIER, JEAN-LUC 2,955,884
GE AVIATION SYSTEMS LLC 2,958,287
GE OIL & GAS ESP, INC. 2,961,548
GEIKEN, PETER 2,958,432
GENENTECH, INC. 2,961,439
GENERAL ELECTRIC COMPANY 2,958,298
GENERAL ELECTRIC COMPANY 2,961,659
GENETEC INC. 2,961,808
GENETEC INC. 2,961,922
GEORGE, SAGITHA 2,960,088
GEORGIA INSTITUTE OF TECHNOLOGY 2,961,885
GEORGIA TECH RESEARCH CORPORATION 2,961,672
GERVASIO, DOMINIC FRANCIS 2,961,501
GEVA, AMIR B. 2,961,451
GEZUNDHAIT, YIGAL 2,961,298
GHARAKHANI, ARBI 2,962,084
GIARDINI, BRUNO 2,958,662
GIBSON, ANN 2,961,406
GIBSON, NEIL W. 2,953,883
GILBRECH, JOSH 2,962,002
GILL, SAAR 2,955,154
GILSON, PAUL 2,961,431
GIMAT, MATTHIEU 2,959,115
GINGRICH, NATHANAEL LLOYD 2,960,220
GINTER, KARL 2,961,376
GIRLANDO, DAVIDE 2,959,510
GISLER, SCOTT WILLIAM 2,961,637
GLASS, DAVID 2,955,154
GLAXOSMITHKLINE CONSUMER HEALTHCARE HOLDINGS (US) LLC 2,961,735
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,952,567
GLAZER, ELEANOR 2,961,782
GLEASON, JOHN 2,961,699
GLYKOS FINLAND OY 2,954,974
GODA, YOSHIKI 2,961,311
GODINEZ, ANDRES 2,961,501
GOEPFERICH, JAMES L. 2,960,878
GOFFER, YOSSEF 2,961,651
GOKHALE, UDAY BALKRISHNA 2,961,447
GOLDENBERG, DAVID M. 2,961,774
GOLDMAN, JONATHAN R. 2,962,009
GOODMAN, MARK 2,961,672
GORGENS, ULRICH 2,952,525
GOTSCHALL, RUSSELL 2,961,762
GOULD, GEORGE 2,961,772
GOULD, JOEL 2,960,270
GOVINDARAJAN, SUDHANVA 2,962,048

GOYAL, MAYANK 2,961,538
GRAF, ROBERT NICHOLAS 2,961,637
GRAHAM, SUSAN M. 2,962,076
GRANEGGER, MARCUS 2,961,963
GRAY, DAVID SHAUN 2,961,532
GREENPOWERUSA INC. 2,961,732
GREGORY, CHRISTOPHER C. 2,961,644
GREWE, JAN CHRISTOPH 2,952,747
GRIER, MARK CHARLES 2,961,605
GRIMSBO, GJERMUND 2,961,992
GRINDROD, SCOTT 2,961,759
GROH, MICHAEL 2,961,591
GROOT, MATTHEUS NICOLAAS 2,955,735
GROOT, WILLEM JACOB 2,956,386
GROOT, WILLEM JACOB 2,956,387
GROSS, CHRISTOPHER D. 2,958,307
GROSS, MARK C. 2,958,861
GROSSE-VEHNE, KLEMENS 2,960,421
GRUBER, LEWIS S. 2,961,603
GU, GUIJIANG 2,961,675
GU, GUIJIANG 2,961,678
GUENANTIN, ANNE-CLAIRE 2,956,768
GUERRIER, PAUL 2,961,395
GUGUCHKOVA, MARIA TSONTCHEVA 2,961,649
GUILLERIEZ, STEPHANE 2,955,884
GULBRANDSEN, PEDER J. 2,958,693
GUNERKEN, EMRE 2,954,737
GUO, CHANGSHAN 2,961,819
GUO, CHUANGXING 2,961,605
GUO, WEI 2,961,393
GUPTA, AMAR 2,961,417
GURMAN, YOTAM 2,960,589
GUSEV, ALEKSANDR OLEGOVICH 2,961,269
GV ENGINEERING GMBH 2,960,421
HA, JAE DU 2,952,787
HAAS, FLORIAN 2,952,612
HACKER, VIKTOR 2,956,228
HAENDLER, BERNARD 2,952,526
HAFNER, ANDREAS 2,950,485
HAHN, GREGORY C. 2,961,567
HAHN, JULIA JOHANNA 2,952,525
HAIDAR, MAHMOUD 2,960,220
HAKLI, JANNE 2,961,290
HALDANKAR, RAJ 2,961,587
HALL, DANIEL THOMAS 2,960,220
HALL, LEE J. 2,961,569
HALL, MICHAEL L. 2,952,830
HALLENBACH, WERNER 2,952,525
HALLIBURTON ENERGY SERVICES, INC. 2,961,338
HALLIBURTON ENERGY SERVICES, INC. 2,961,343
HALLIBURTON ENERGY SERVICES, INC. 2,961,346
HALLIBURTON ENERGY SERVICES, INC. 2,961,554
HALLIBURTON ENERGY SERVICES, INC. 2,961,562
HALLIBURTON ENERGY SERVICES, INC. 2,961,566
HALLIBURTON ENERGY SERVICES, INC. 2,961,569
HALLIBURTON ENERGY SERVICES, INC. 2,961,720
HALLIBURTON ENERGY SERVICES, INC. 2,961,722
HALLIBURTON ENERGY SERVICES, INC. 2,962,008
HALLIBURTON ENERGY SERVICES, INC. 2,962,058
HALPERN, DANIEL A. 2,958,861
HAMILTON, MARCIE 2,961,757
HANISCH, FRANK 2,961,850
HANNESON, SCOTT 2,961,459
HANSON, ALLAN G. 2,958,307
HANSON, BRIAN K. 2,961,197
HAQUE, RASHID MAZHAR MOHAMMAD M. 2,958,792
HARDIE, WILLIAM G. 2,960,878
HARPER, SCOTT CLIFTON 2,960,220
HASCOET, FREDERIC 2,958,662
HASEGAWA, YU 2,961,455
HASSEN, CHARLES NATHAN 2,949,330
HATAMOTO, TAKURO 2,941,037
HATLELID, JOHN 2,960,815
HAUGLAND, LASSE 2,961,463
HAYDEN, MARK A. 2,961,743
HAYWARD, CHRISTOPHER SIMON 2,961,963
HEARL, WILLIAM 2,952,726
HECHT, STEVEN 2,961,498
HECHT, STEVEN 2,961,613
HEDEN, PER 2,961,726
HEDRICK, MICHAEL P. 2,952,732
HEERES, ANDRE 2,961,851
HEILAND, TERI 2,952,726
HEIM, MATTHIAS 2,958,647
HEINZ, THOMAS 2,954,707
HEISKANEN, ANNAMARI 2,954,974
HELIX LINEAR TECHNOLOGIES 2,959,829
HELIXBIND, INC. 2,961,510
HELK, BERNHARD 2,954,974
HELMS, MARTIN 2,959,958
HEMMINGSEN, PAL VIGGO 2,961,992
HENKEL AG & CO. KGAA 2,958,412
HENKEL AG & CO. KGAA 2,958,436
HENLEY, ERIC SHANE 2,950,618
HENNIG ARZNEIMITTEL GBMH & CO. KG 2,952,747
HERNANDEZ, ERIK 2,961,493
HERNANDEZ-SANCHEZ, BERNADETTE A. 2,961,372
HERRMANN, INES 2,956,471
HERRON, MAYNARD M. 2,958,608
HERSHBERGER, PAUL M. 2,952,732
HERSHKOVITZ, SHARON 2,956,048
HEYNS, RICHARD 2,960,456
HFI INNOVATION INC. 2,961,681
HICKMOTT, RICHARD MORGAN 2,960,909
HIGGINS, JOSEPH 2,961,926
HIGH FORCE RESEARCH LIMITED 2,962,150
HILDNER, FLORIAN 2,951,728
HILICO, LAURENT 2,961,860
HILL, JULIA MARIE 2,958,520
HILTUNEN, JUKKA 2,954,974
HINKLE, JONATHAN MICHAEL 2,961,365
HINO, AKIHIRO 2,961,935
HINTERMANN, TOBIAS 2,950,485
HIRVONEN, MERVI 2,961,290
HISHIDA, HIROYUKI 2,961,455
HO DUC, HONG LINH 2,961,218
HOCHEGGER, MARKUS 2,958,295
HOFFMANN, PATRICK 2,956,471
HOFFMEISTER LEUCHTEN GMBH 2,961,132
HOFFMEISTER LEUCHTEN GMBH 2,961,136
HOFFMEISTER, OLIVER 2,961,132
HOFFMEISTER, OLIVER 2,961,136
HOKUTO CORPORATION 2,961,542
HOLDEN, KRISTIN KATHERINE 2,961,338
HOLEN, STEPHEN NILS 2,958,287
HOLOGIC, INC. 2,961,498
HOLOGIC, INC. 2,961,613
HOLVERSON, TODD EARL 2,958,181
HOLVERSON, TODD EARL 2,958,216
HOME BOX OFFICE, INC. 2,960,176
HOME BOX OFFICE, INC. 2,960,181
HOME BOX OFFICE, INC. 2,960,183
HOME BOX OFFICE, INC. 2,960,185
HOPKINS, CHAD DANIEL 2,961,605
HORMANN, ROBERT E. 2,961,738
HORVATH, TIMONTHY L. 2,961,554
HOSONO, TAKAHIRO 2,961,703
HOUCHENS, BRENT CHARLES 2,961,558
HOUGHTON, JOHN ANSDELL 2,961,717
HOWARD, JAMES W. 2,961,368
HRT INVESTORS PTY LTD 2,962,146
HSIEH, YIH HUANG 2,961,522
HSU, CHRISTOPHER 2,958,203
HU, TIANCEN 2,954,599
HUANG, JIANPING 2,961,452
HUANG, JINYU 2,958,458
HUANG, KAI-LI 2,961,956
HUANG, PETER QINHUA 2,961,605
HUAWEI TECHNOLOGIES CO., LTD. 2,961,682
HUBBELL INCORPORATED 2,962,131
HUBER, HOWARD E. 2,961,406
HUBER, THOMAS 2,955,154
HUBSCH, WALTER 2,952,525
HUELSKOETTER, FRANK 2,958,424
HULSKOTTER, FRANK 2,958,655
HUMPHRIES, KEITH RICHARD 2,961,535
HUMPLIK, THOMAS 2,961,351
HUNG, CHENG-HUNG 2,955,468
HUNTSMAN INTERNATIONAL LLC 2,961,851
HURLIN, GAUTHIER 2,954,947
HUSQVARNA AB 2,961,556
HUSS, ANDREW D. 2,959,597

HUUSKONEN, ANNE 2,954,974
HVID, NIELS 2,960,909
HWANG, JONG YEON 2,952,787
IACONA, IGNAZIO 2,961,704
IANCHULEV, PRAVOSLAVA TSONTCHEVA 2,961,649
IANCHULEV, TSONTCHO ALEXANDROV 2,961,649
IANTECH, INC. 2,961,649
IAROCCI, NICK 2,958,411
IBIS BIOSCIENCES, INC. 2,961,743
ICU MEDICAL, INC. 2,953,229
IDEAL FASTENER CORPORATION 2,961,761
IEX GROUP, INC. 2,961,758
IEX GROUP, INC. 2,961,770
IFP ENERGIES NOUVELLES 2,956,372
IGAWA, TOMOYUKI 2,961,968
IHC HOLLAND IE B.V. 2,958,540
III CORPORATION 2,961,455
ILAN, EREZ 2,960,589
ILC DOVER LP 2,961,365
ILG, KERSTIN 2,952,525
ILLINOIS TOOL WORKS INC. 2,955,778
ILLINOIS TOOL WORKS INC. 2,958,181
ILLINOIS TOOL WORKS INC. 2,958,203
ILLINOIS TOOL WORKS INC. 2,961,965
ILLNOIS TOOL WORKS INC. 2,958,216
ILLUMINA, INC. 2,955,382
ILTCHEV, THEODORE 2,961,977
ILTCHEV, THEODORE 2,961,979
IM, G-YOON JAMIE 2,961,489
IMAFLEX INC. 2,961,549
IMCLONE LLC 2,950,936
IMCLONE LLC 2,950,946
IMMUNOMEDICS, INC. 2,961,774
IMMUNOMIC THERAPEUTICS, INC. 2,952,726
INAGAKI, KOICHI 2,961,455
INATOMI, SATOSHI 2,961,542
INDIA GLOBALIZATION CAPITAL, INC. 2,961,410
INEMSOFT, INC. 2,961,495
INNOSPEC PERFORMANCE CHEMICALS EUROPE LIMITED 2,958,529
INSAMCO HOLDINGS, LLC 2,961,193
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,956,768
INSPIRION DELIVERY TECHNOLOGIES, LLC 2,961,460
INSTITUT CURIE 2,956,385
INSTITUT D' INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL) 2,958,600
INSTITUT NATIONAL D'OPTIQUE 2,961,799
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,956,385
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE(INSERM) 2,955,285
INSTITUT POLYTECHNIQUE DE BORDEAUX 2,958,647
INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY AS CR V.V.I. 2,961,880
INSTRUMENT MANUFACTURING COMPANY 2,961,656
INSTRUMENT MANUFACTURING COMPANY 2,961,658
INTELLIGENT SYNTHETIC BIOLOGY CENTER 2,961,744
INTRA-CELLULAR THERAPIES, INC. 2,961,212
INTRASENSE 2,960,751
INTREXON CORPORATION 2,961,738
INTREXON CORPORATION 2,962,099
INTRINSIC LIFESCIENCES LLC 2,961,917
INTUIT INC. 2,962,009
INVENTIO AG 2,958,341
IRONWOOD PHARMACEUTICALS, INC. 2,961,489
ISHIKAWA, YUUKI 2,934,543
ISLAND ABBEY FOODS LTD. 2,961,967
ISMAN, MARSHALL ALAN 2,960,417
ITO, TOMOHIRO 2,961,530
ITURMENDI, AIZTIBER 2,951,728
IWATA, MITSUHIRO 2,961,530
IYENGAR, RAJESH R. 2,961,489
IYER, KARTHIK 2,961,489
JACKS, CURTIS JOHN 2,961,722
JAGGA, VICTOR 2,960,886
JAILLARDON, KARINE 2,956,184
JAILLARDON, KARINE 2,956,189
JAMES, RAY A. 2,961,738
JANATPOUR, MARY JO 2,954,599
JANCARIK, ANDREJ 2,961,880
JANSSEN BIOTECH, INC. 2,961,529
JANSSEN PHARMACEUTICA NV 2,962,075
JASCUR, JULIA 2,955,154
JEHAN, MICHEL 2,958,474
JENNINGS, CHAD 2,961,507
JENSEN, THOMAS VORUP 2,958,421
JFE STEEL CORPORATION 2,962,031
JIA, JAMES 2,961,489
JIANG, TAO 2,961,974
JIANGSU HENGRUI MEDICINE CO., LTD. 2,961,819
JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD 2,961,974
JOHNSON & JOHNSON CONSUMER INC. 2,956,694
JOHNSON, AMBER 2,961,493
JOHNSON, GARY DONALD 2,962,070
JOHNSON, SONYA S. 2,961,420
JOMI LEMAN 2,958,474
JONES, DAVID 2,958,518
JONES, IAN 2,961,126
JONES, JERALD EDWARD 2,958,216
JONES, JOAN PHILOMENA 2,958,518
JONES, JOHN 2,961,539
JOSE, JESMY 2,961,446
JOSE, JESMY 2,961,449
JOST CHEMICAL CO. 2,961,699
JOST, DOUGLAS 2,961,699
JOURDIER, ETIENNE 2,956,372
JOUVET, CHRISTOPHE MICHEL RENE 2,961,860
JOY, ABRAHAM 2,962,048
JUNG, HEE JUNG 2,952,787
JUNG, JOON 2,961,489
JURY, KEVIN 2,958,589
JUSHI GROUP CO., LTD. 2,961,675
JUSHI GROUP CO., LTD. 2,961,678
JUSTRITE MANUFACTURING COMPANY LLC 2,961,891
KAGEYAMA, SHUNSUKE 2,961,311
KAHNERT, CHRISTOPHER A. 2,959,829
KAHRAMAN, MEHMET 2,961,605
KAINDL, BENJAMIN 2,959,690
KAISIN, GEOFFROY 2,958,471
KALETTA, HARTMUT 2,955,752
KALYRA PHARMACEUTICALS, INC. 2,961,605
KAMMINGA, KORNELIS JAN 2,961,851
KANERVA, ANNE 2,954,974
KANOUNI, TOUFIKE 2,961,610
KANTARIDIS, STEFANOS 2,961,788
KARKERA, JAYAPRAKASH 2,962,075
KARSTEN MANUFACTURING CORPORATION 2,961,492
KARTASHOV, VLADIMIR 2,955,734
KASPER, DIRK 2,958,436
KASUYA, JUNICHI 2,961,454
KATLOWITZ, KALMAN 2,958,282
KATSUYAMA, BRADLEY TOSHIO 2,961,758
KATSUYAMA, BRADLEY TOSHIO 2,961,770
KAUFMAN, HOWARD B. 2,961,498
KAUFMAN, HOWARD B. 2,961,613
KAWAI, JUNYA 2,961,542
KCI LICENSING, INC. 2,960,668
KEANE, MICHAEL F. 2,961,529
KEENAN, RICH 2,961,757
KEEP, SARAH 2,953,677
KEMP, RICHARD A. 2,961,372
KEMPPAINEN, RISTO 2,955,583
KENDERIAN, SAAD 2,955,154
KENNEDY, BRIAN T. 2,961,911
KERKAR, BRAHIM 2,958,310
KERN, STEFAN 2,954,315
KERSEY, BRENT R. 2,958,307
KEZELE, DUSKO ANTONIO 2,961,800
KHAKDAMAN, HAMIDREZA 2,962,113
KHALED, ANNETTE 2,962,062
KHAN, ISAAC J. 2,961,529

KHANDAVILLI, PAWAN 2,961,916
KHURANA, RAHUL 2,961,637
KIEM, HANS-PETER 2,961,535
KIJIMA, HIDEO 2,962,031
KIM, DONG-KI 2,958,281
KIM, HUN SIK 2,961,744
KIM, HYOUNG RAE 2,952,787
KIM, JUN 2,960,618
KIM, JUN 2,960,718
KIM, KEUN SU 2,961,058
KIM, PILHO 2,952,787
KIM, SUN CHANG 2,961,744
KIM, YOUNG-HWAN 2,958,281
KIMURA, TOMOYUKI 2,961,713
KINDSTRAND, DANIEL HUGH 2,961,339
KING, JEFF 2,961,911
KINNEY, POWELL MCVAY 2,960,220
KINSELLA, TIMOTHY J. 2,961,759
KIRILOVSKY, DIANA 2,956,384
KISHIDA, KAZUSHIGE 2,961,684
KITAZAWA, TAKEHISA 2,961,968
KIURU, TERO 2,961,290
KIYOHARA, TAKESHI 2,958,412
KL PRODUCTS INC. 2,958,658
KLARER FREIZEITANLAGEN AG 2,958,701
KLARER, STEFAN 2,958,701
KLINGNER, MATTHIAS 2,958,275
KNITT, ANDREW ALFRED 2,958,301
KNOLL, CARL FRANK 2,961,365
KNOOP, MARTINA 2,961,860
KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH 2,958,275
KOBAYASHI, TAKUMA 2,961,930
KOBAYASHI, TOSHIAKI 2,961,542
KOBBERLING, JOHANNES 2,952,525
KODERA, MASANORI 2,941,037
KOENING, RUSSELL 2,961,577
KOLECK, MARY P. 2,956,316
KOLLEP, ALEXANDRE 2,958,603
KOMATSU LTD. 2,934,543
KONDO, SUGURU 2,961,455
KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY 2,952,787
KOROS, WILLIAM JOHN 2,961,885
KOSLOWSKI, PAULINE M. 2,958,595
KRAEMER, DARREN 2,961,673
KRAGE, JOSHUA 2,961,560
KRAUSE, THOMAS 2,952,612
KRAVCEVICH, ANGELA 2,960,071
KRECMEROVA, MARCELA 2,961,880
KREMS, KLAUS 2,959,958
KRET, EHREN A. 2,959,514
KRISHNA, RANGA CHELVA 2,961,410
KROGMANN, JORG 2,962,110
KRUGMAN, ROBERT 2,961,383
KRUMME, COCO 2,960,424
KRUMMEL, MATTHEW 2,961,950
KT HEALTH, LLC 2,961,567
KUFER, PETER 2,956,471
KUHN, ALEXANDER 2,958,647
KUMAR, HASSAN CHARAN 2,961,339
KURARAY CO., LTD. 2,961,703
KUREHA CORPORATION 2,961,930
KUREHA CORPORATION 2,961,932
KURIHARA, HIROYUKI 2,962,035
KUSTER, HANS-WERNER 2,958,613
KUTNY, PETER MICHAEL 2,961,954
KUTTNER HOLDING GMBH & CO. KG 2,958,270
KYB CORPORATION 2,961,534
KYB CORPORATION 2,961,697
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,958,731
L-3 COMMUNICATIONS CORPORATION 2,961,367
LAASER, WILLIAM T. 2,962,009
LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES 2,956,822
LACHESIS BIOSCIENCES PTY LTD 2,961,936
LADDS, ANOUSKA 2,960,088
LAGUARDIA, TONY 2,961,780
LAITALA, VILLE PETTERI 2,952,544
LAKKA, SOWMYA R. 2,961,898
LAMMERSCHOP, OLAF 2,958,436
LAMONTAGNE, FREDERIC 2,961,799
LANDI, FELICETTA 2,961,788
LANDMARK GRAPHICS CORPORATION 2,961,558
LANDOWSKI, CHRISTOPHER 2,954,974
LANOS, PIERRE 2,955,845
LARCHER, JEAN-ERIC 2,961,977
LARCHER, JEAN-ERIC 2,961,979
LARI, DAVID R. 2,961,649
LAWRENCE, MICHAEL E. 2,961,197
LE COUTRE, JOHANNES 2,960,338
LE HIR DE FALLOIS, LOIC 2,952,857
LEASURE, JOSHUA 2,961,502
LEDERMAN, SETH 2,961,822
LEE, CHONG OCK 2,952,787
LEE, DON HAENG 2,961,058
LEE, EUNHYE 2,961,058
LEE, FEI PHILIP 2,958,286
LEE, JEI-YOUNG 2,958,281
LEE, JOSEPHINE 2,961,209
LEE, KANG 2,962,083
LEE, KWANGHO 2,952,787
LEE, TERRY W. 2,961,916
LEE, THOMAS WAI-HO 2,961,489
LEE, WEI-HAN 2,961,522
LEE, YANG 2,961,602
LEFEUVRE, ELIE 2,955,270
LEFF-HALLSTEIN, JOAKIM 2,961,556
LEHANE, JAMES J. 2,958,693
LEHMANN, TODD 2,961,495
LEIDOS INNOVATIONS TECHNOLOGY, INC. 2,960,815
LEIJTEN, WILHELMINA ANTONIA CORNELIA ANNA 2,955,735
LENG, LUHAO 2,962,089
LEONARD, MARC 2,958,471
LEONARDO MW LTD 2,961,533
LEPPANEN, ANNE 2,954,974
LES PRODUITS DRC INC. 2,961,668
LESSARD, RYAN T. 2,961,651
LEUNG, MICHAEL KA KIT 2,961,079
LEVEL 3 COMMUNICATIONS, LLC 2,962,064
LEVEY, EVIN 2,960,424
LEVINSON, YARON 2,957,362
LEWIS, MICHAEL I. 2,962,114
LI, HSIAO CHANG 2,962,082
LI, PENG 2,961,212
LI, SHALDON 2,961,495
LI, SHAOHUA 2,961,960
LI, SHAOJUN 2,961,446
LI, SHAOJUN 2,961,449
LI, TIEQI 2,962,113
LI, XUHANG 2,961,575
LI, ZHITAO 2,961,682
LI-TECHNOLOGY PTY LTD 2,962,070
LIENG, THU 2,961,502
LIGHT MATTER INTERACTION INC. 2,961,673
LIN, AVI 2,961,562
LIN, CONNIE BAOZHEN 2,961,735
LINDHOUT, DARRIN 2,961,587
LINDSEY, RYAN THOMAS 2,961,736
LINEBACKER UK LIMITED 2,958,513
LING, XIANWU 2,961,346
LIPKENS, BART 2,961,911
LIRA, FRANCISCO 2,961,891
LISCINSKY, STEPHEN MICHAEL, III 2,962,131
LIU, SHAN 2,961,681
LIU, XIAOXIN 2,961,684
LM WP PATENT HOLDING A/S 2,958,507
LOBNER, ERIC C. 2,961,368
LOCKE, CHRISTOPHER BRIAN 2,960,668
LOERA, JOHN MANUAL 2,961,591
LOHMEIJER, BASTIAAN 2,961,590
LOHOLT, MIKE 2,959,515
LOIZOS, NICK 2,950,936
LOMASNEY, CHRISTINA A. 2,961,508
LOPEZ-ALBAITERO, ANDRES 2,956,014
LOSTAK, THOMAS 2,958,500
LOUBSER, ANDRIES GEORGE HENDRIK 2,960,411
LOUGHNANE, BRIAN J. 2,958,424
LOUGHNANE, BRIAN JOSEPH 2,958,655
LOUIS, DOMINIQUE 2,956,184
LOUIS, DOMINIQUE 2,956,189
LOUWERSE, JEANINE DANIELLE 2,955,735
LOVELESS, COLBY LANE 2,961,548
LU, BING 2,958,565
LU, QIANXI 2,961,960
LU, YUN 2,961,819
LUDOLPH, BJOERN 2,958,655

LUDOLPH, BJORN 2,958,424
LUDWIG, JOHN R., JR. 2,960,815
LUEMKEMANN, JOERG 2,952,539
LUTHRA, KRISHAN LAL 2,958,298
LUTTERBUESE, RALF 2,956,471
LUXEN, ANDRE 2,958,471
LUXON, EVAN S. 2,961,757
LYNAR, SHANNON 2,961,780
MACDONALD, BRIAN 2,961,667
MACEDO, CARLOS DA SILVA, JR. 2,956,694
MACHIELSEN, MARINUS PETRUS 2,955,717
MACKAY, JOHN 2,961,567
MACKENNA, DEIDRE 2,953,883
MACKINLAY, JOCK DOUGLAS 2,960,618
MACKINLAY, JOCK DOUGLAS 2,960,718
MACLEAN, PAUL 2,961,613
MACZURA, ANTHONY 2,958,307
MADBRO, PAR 2,961,556
MADDOCKS, IAN D. A. 2,961,898
MAGDINIER, FREDERIQUE 2,956,787
MAHALINGAM, HARISH 2,961,735
MAHARAJ, GARY 2,956,635
MAHESHWARI, DIVYA 2,961,447
MAHLER, HANNS-CHRISTIAN 2,952,539
MAHMOUDKHANI, AMIR 2,961,687
MAHUE, VERONIQUE 2,959,575
MAIERHOFER, ANDREAS 2,958,510
MAJER, PAVEL 2,961,880
MALAVE, MICHAEL 2,961,343
MALEK, BRUCE 2,958,405
MALITZ, ANDREAS 2,955,752
MALMBERG, ZACHARY J. 2,961,718
MALONA, JOHN 2,961,607
MALONEY, PATRICK R. 2,952,732
MANABE, KYOHEI 2,961,710
MANABE, KYOHEI 2,961,714
MANDELL, JEFFREY G. 2,955,382
MANEZ MENDILUCE, RAFAEL 2,958,600
MANKU, TAJINDER 2,961,908
MANN, MARK DIETRICH 2,958,216
MANNICK, JOAN 2,955,154
MANO, NICOLAS 2,958,647
MANTIA, LINDA 2,961,916
MAPP, MICHAEL 2,961,667
MARBAN, EDUARDO 2,962,114
MARCOTTE, EDWARD 2,961,493
MARDER, TODD 2,962,150
MARIAMPILLAI, ADRIAN 2,961,079
MARIN, SEBASTIEN 2,959,115
MARION, GWENAEL 2,959,115
MARKS, JOEL S. 2,961,385
MARS INCORPORATED 2,956,021
MARS INCORPORATED 2,961,307
MARS, INCORPORATED 2,960,937
MARS, INCORPORATED 2,961,127
MARSHALL, JOANNA 2,958,565
MARSHALL, KEITH 2,961,637
MARTINEZ, JAVIER PEREZ 2,960,996
MARUSIAK, JOHN R. 2,961,492
MARUYAMA, MASATO 2,961,542
MASCARO, MASSIMO 2,962,009
MASHIKIAN, MATTHEW S. 2,961,656
MASHIKIAN, MATTHEW S. 2,961,658
MASI, ANTHONY B. 2,961,911
MASTERCARD INTERNATIONAL INCORPORATED 2,960,071
MASTERCARD INTERNATIONAL INCORPORATED 2,960,088
MASTERCARD INTERNATIONAL INCORPORATED 2,961,898
MATERN, HUGO 2,961,587
MATESAN, CRISTIAN 2,959,515
MATIASH, NICHOLAS A. 2,961,965
MATSUI, YU 2,961,716
MATSUKI, KOTA 2,962,034
MATTECKA, STEPHAN 2,952,713
MAUE, MICHAEL 2,952,525
MAYELLE, NICK 2,958,707
MAYER, JORG 2,962,086
MAYO, REGINALD VAN 2,961,722
MAZARIEGOS HURTADO, LUIS AUGUSTO 2,961,877
MAZHAR, UMAIR BIN RASHID RASHID 2,958,792
MAZIERS, ERIC 2,958,604
MAZIERS, ERIC 2,958,606
MCAULEY, ARNOLD J. 2,952,609
MCCANN, THOMAS 2,961,887
MCCARTHY, BRIAN 2,961,911
MCCARTHY, MATTHEW 2,961,606
MCCAY, PAUL 2,958,353
MCCORMACK, JIMROY 2,958,286
MCDONALD, JOSEPH JOHN 2,961,607
MCGEE, PHILLIP 2,961,657
MCGINTY, JOHN 2,959,597
MCGRADY, CHRISTOPHER 2,958,565
MCKAY, IAN 2,961,351
MCKENZIE, JOHN 2,958,689
MCKINLEY, TIMOTHY ALLEN 2,958,301
MCKINNON, AUSTIN JASON 2,961,637
MCLINDEN, JAMES 2,961,568
MCNEILL, PHILIP C. 2,961,637
MCNULTY, PETER 2,956,546
MCQUILLIAN, BRIAN B. 2,958,285
MEALEY, DANE 2,961,911
MEDICAL UNIVERSITY OF VIENNA 2,961,963
MEDIVANCE INCORPORATED 2,962,037
MEGANNON, JOHN FRANCIS 2,960,411
MEH, DAVID 2,956,316
MEIYAPPAN, MUTHURAMAN 2,955,297
MELNIKOVA, IRENE 2,961,772
MEMIC INNOVATIVE SURGERY LTD. 2,957,362
MEMORIAL SLOAN KETTERING CANCER CENTER 2,956,014
MEMORIAL SLOAN KETTERING CANCER CENTER 2,961,499
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,961,894
MENG, CHARLES 2,952,857
MENSAH, MICHAEL 2,949,330
MERCER, DAVID 2,960,668
MERIAL INC. 2,958,149
MERIAL, INC. 2,952,857
MERICAS, CHRIS JAMES 2,962,008
MERMERIAN, ARA 2,961,489
METOXS PTE. LTD. 2,961,501
MEULER, ADAM J. 2,961,718
MEUNIER, JEFFREY P. 2,958,323
MEYER, JEFFREY 2,961,520
MEYER, MATTHEW JOHN 2,954,599
MICHEL, BENJAMIN 2,956,107
MICHIKAWA, TAKASHI 2,961,455
MICHLIG GONZALEZ, STEPHANIE 2,960,338
MICHNO, ZBIGNIEW 2,961,723
MICHONSKI, DAVID 2,961,496
MICRO MOTION, INC. 2,961,717
MICROBIOME LIMITED 2,961,551
MICRODOSE THERAPEUTX, INC. 2,958,883
MICRODOSE THERAPEUTX, INC. 2,958,891
MICRODOSE THERAPEUTX, INC. 2,958,894
MICROSOFT TEHCNOLOGY LICENSING, LLC 2,959,515
MIHALCIK, DAVID 2,961,772
MILLER, DAVID BRUCE 2,961,339
MILLER, GREG BRUCE 2,961,541
MILLER, JAMES E. 2,961,372
MILNES, THOMAS B. 2,961,351
MILONE, MICHAEL C. 2,955,154
MINAMI, KAZUYUKI 2,961,710
MINAMI, KAZUYUKI 2,961,714
MINE RP HOLDINGS (PTY) LIMITED 2,960,411
MINOUX, DELPHINE 2,951,006
MISHRA, SHRISH 2,961,952
MISKULIN, IVOR 2,961,782
MITRA, GEORGE 2,956,316
MIYAKE-STONER, SHIGEKI 2,961,748
MIZUKAMI, TOSHIYUKI 2,961,951
MOCKLER, TODD CHRISTOPHER 2,955,025
MODI, SWATI 2,961,735
MODINE MANUFACTURING COMPANY 2,961,642
MODUMETAL, INC. 2,961,504
MODUMETAL, INC. 2,961,507
MODUMETAL, INC. 2,961,508
MOENY, WILLIAM M. 2,962,002
MOHAMMED, RAFI 2,961,672
MONNET, CELINE 2,956,822
MONTENA, NOAH P. 2,961,958
MOOG INC. 2,961,395
MOORE, BENJAMIN DAVID 2,960,220
MOR, MASSIMO 2,958,529
MORGAN, TIMOTHY MATTHIAS 2,961,936

MORRISON, MARK STEVEN 2,958,883
MORRISON, MARK STEVEN 2,958,891
MORRISON, MARK STEVEN 2,958,894
MORTENSEN, JAN 2,962,106
MOSCATO, FRANCESCO 2,961,963
MOTION CONCEPTS L.P. 2,961,541
MOUSA, WALAA 2,962,078
MTD PRODUCTS INC 2,958,689
MUHAMMED, AMEEN ABOEL HASSAN 2,961,659
MUKUNDA, RAMACHANDRA 2,961,410
MULLER, DIDIER 2,961,977
MULLER, DIDIER 2,961,979
MULLINS, LIAM 2,961,431
MUNSHI, AMIT DILIP 2,961,889
MUNZ, MARKUS 2,956,471
MURPHREE, ZACHARY RYAN 2,962,058
MURPHY, LEON 2,955,154
MURTHY, NIREN 2,961,672
MUSHAHWAR, VIVIAN K. 2,961,532
MUSTALAHTI, EERO 2,954,974
MUTO, ATSUSHI 2,961,968
MUYO, GONZALO 2,960,666
MUZARI, MANDISHORA ISRAEL 2,961,766
NAGANO, AKIO 2,961,935
NAHRWOLD, ELISABETH 2,956,471
NAITOH, HIDEYA 2,961,544
NAKAI, TAKASHI 2,961,489
NAKAMURA, TAKESHI 2,961,455
NANYOSHI, YASUTOSHI 2,953,043
NARCIZO, ANDRE 2,956,694
NARINE, SURESH 2,961,446
NARINE, SURESH 2,961,449
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY 2,961,710
NATIONAL UNIVERSITY OF IRELAND, GALWAY 2,958,353
NATUNEN, JARI 2,954,974
NEBULONI, MARINO 2,961,822
NEIDIG, CAITLYN BETH 2,955,468
NELLI, CHRISTOPHER J. 2,958,181
NELSON, BRAD 2,961,657
NELSON, MICHAEL T. 2,958,861
NEMAT, AYAZ 2,961,367
NEMER, ALLEN 2,961,495
NESTEC S.A. 2,951,783
NESTEC S.A. 2,958,603
NESTEC S.A. 2,960,338
NESTL, STEPHAN 2,956,228
NEUROLIEF LTD. 2,961,325
NEW YORK AIR BRAKE LLC 2,961,406
NEW-TEC INTEGRATION (XIAMEN) CO., LTD. 2,962,089
NGM BIOPHARMACEUTICALS, INC. 2,961,587
NGUYEN, PHUONG M. 2,961,739
NI, YIKE 2,961,607
NIE, ZHE 2,961,525
NIEDERHAUSER, AYMERIC 2,962,086
NIELSEN, MICHAEL WENANI 2,958,507
NIESIG, SILKE 2,952,612
NIIGATA POWER SYSTEMS CO., LTD. 2,941,037
NING, XINGHAI 2,961,672
NITSCHKE, JORG 2,956,021
NIU, DEQIANG 2,961,607
NOE, JAMES C. 2,960,698
NOE, JAMES C. 2,961,898
NOLLING, JORK 2,961,510
NORBERG, STEVEN 2,955,382
NOROZE, MAKAN 2,960,996
NORTON (WATERFORD) LIMITED 2,958,883
NORTON (WATERFORD) LIMITED 2,958,894
NOTTINGHAM TRENT UNIVERSITY 2,960,709
NOVA CHEMICALS CORPORATION 2,962,113
NOVARTIS AG 2,954,599
NOVARTIS AG 2,955,154
NOVARTIS AG 2,958,458
NOVOAIM AB 2,961,726
NOVOZYMES A/S 2,961,448
NOWICKI, MATTHEW 2,959,709
NUNES, LEONARDO DE OLIVEIRA 2,961,720
NUNHEMS B.V. 2,956,528
NURALOGIX CORPORATION 2,962,083
O'FLAHERTY, VINCENT 2,958,353
O'NEILL, STEPHEN WILLIAM, JR. 2,960,815
O'SHEA, CHANELLE 2,961,668
O'SHEA, CLODAGH 2,961,748
OBERKIRCHER, BRENDAN J. 2,961,525
OBI PHARMA, INC. 2,961,522
OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR" 2,961,269
OGAWA, TAKAYUKI 2,961,697
OH, DONNA 2,961,420
OHNISHI, HISAO 2,961,710
OHNISHI, HISAO 2,961,714
OHTAKE, YUTAKA 2,961,455
OKURA, MASAYUKI 2,961,930
OKURA, MASAYUKI 2,961,932
OKUSHIRO, KENJI 2,962,031
OLAWALE, GBENGA 2,951,728
OLIVA, RYAN 2,961,498
OLIVER, PAUL 2,957,849
OMRIX BIOPHARMACEUTICALS LTD. 2,960,589
ONCOMED PHARMACEUTICALS, INC. 2,961,374
ONO, HIROFUMI 2,961,540
OPEN WATER POWER, INCORPORATED 2,961,351
OPTOS PLC 2,960,666
ORBIS CORPORATION 2,961,959
ORENGO, JAMIE M. 2,961,517
ORIANI, PAULO CESAR DE GODOY 2,956,694
ORTIZ, EDISON U. 2,961,916
OSAKA GAS CO., LTD. 2,961,710
OSAKA GAS CO., LTD. 2,961,714
OSHIKIRI, SHINOBU 2,961,935
OSKIN, CHRISTOPHER L. 2,961,397
OSTERMEIER, CHRISTIAN 2,954,974
OTSUKA MEDICAL DEVICE CO., LTD. 2,959,112
OUCHI, KENJI 2,961,542
OXEIA BIOPHARMACEUTICALS, INC. 2,961,889
PABBA, CHITTARI 2,961,607
PACEY, KENDALL LEE 2,961,566
PAIN THERAPEUTICS, INC. 2,962,080
PALERMO, GIANPIERO 2,961,414
PALISCH, TERRENCE 2,961,372
PALMAS, COSTANTINO 2,956,038
PALYAM, NAGARJUNA 2,958,565
PALYS, LEONARD H. 2,961,471
PARK, CHI HOON 2,952,787
PARK, HAE YOUNG 2,961,545
PARK, JEREMY SCOTT 2,961,409
PARK, JONG CHAE 2,961,058
PARK, SUNGAE 2,952,609
PARKER, J. JORDAN C. 2,960,181
PARKER, J. JORDAN C. 2,960,183
PARKER, J. JORDAN C. 2,960,185
PARKER, KEVIN 2,958,565
PARKER, TOM 2,959,575
PATEL, AKSHAYKUMAR 2,961,763
PATEL, PRANAV 2,961,209
PEDDIBHOTLA, SATYAMAHESHWAR 2,952,732
PEDERSON, ERIK 2,958,286
PEDREGOSA GUTIERREZ, JOFRE 2,961,860
PELAH, AVISHAY 2,961,298
PELLAND, CEDRIC 2,961,953
PELUSO, MARCOS ANTONIO VIEIRA 2,961,736
PENNATHUR, SUMITA 2,962,127
PENTRACOR GMBH 2,952,713
PERAIRE, JOSE LUIS MIQUEL 2,960,996
PEREMEN, ZIV 2,961,451
PEREZ CRUZ, MAGDIEL 2,958,600
PEREZ, FRANCK 2,956,385
PEREZ, JESUS MANUEL 2,962,062
PERL, NICHOLAS 2,961,489
PERSON, WADE 2,961,657
PETERSEN, JORGEN ESKILD 2,958,421
PETERSON, SCOTT B. 2,961,665
PETTER, RUSSELL C. 2,961,607
PHAIR, JOHN 2,955,734
PHILIP MORRIS PRODUCTS S.A. 2,962,137
PHULPIN, ALEXANDRE 2,956,384
PHYCOSOURCE 2,956,384
PINCHMAN, JOSEPH ROBERT 2,961,605

PINKERTON, ANTHONY B. 2,952,732
PIRON, CAMERON 2,960,886
PIRON, CAMERON 2,961,524
PLATERO, SUSO JESUS 2,962,075
PLETTE, SCOTT 2,959,515
POIRIER, VINCENT 2,958,411
POKHOLOK, DIMITRY K. 2,955,382
POKITDOK, INC. 2,961,561
POLARIS GROUP 2,961,602
POLIGHT AS 2,955,734
POLLACK, JOSHUA 2,961,950
POLLAK, ELI 2,960,424
POLYNT COMPOSITES FRANCE 2,958,604
POLYNT COMPOSITES FRANCE 2,958,606
POLYPID LTD. 2,961,998
POPA, FLORENTINA 2,961,558
PORTER, ALAN 2,961,657
PORTMAN, LANCE 2,961,469
PORTOLA PHARMACEUTICALS, INC. 2,961,739
POTRERO MEDICAL, INC. 2,961,757
POULIN, PATRICK 2,958,658
PPC BROADBAND, INC. 2,961,197
PPC BROADBAND, INC. 2,961,958
PPG INDUSTRIES OHIO, INC. 2,955,468
PRAKASH, RANJIT 2,961,510
PRATT, BENJAMIN ANDREW 2,960,668
PRICE, DANIEL W. 2,961,529
PRINTZ, PHILIPPE 2,960,417
PRISYAZHNOY, VICTOR 2,952,713
PROCOMP SOLUTIONS OY 2,962,139
PROCOPS, ROY 2,960,270
PRZYKLENK, KARL-HEINZ 2,952,747
PURAC BIOCHEM BV 2,955,717
PURAC BIOCHEM BV 2,956,386
PURAC BIOCHEM BV 2,956,387
PURDY, CLAY 2,961,777
PURDY, CLAY 2,961,783
PURDY, CLAY 2,961,787
PURDY, CLAY 2,961,792
PURDY, CLAY 2,961,794
PURSULA, PEKKA 2,961,290
QIN, WENNING 2,961,954
QIN, XIAO 2,961,682
QINTERRA TECHNOLOGIES AS 2,961,463
QUALCOMM INCORPORATED 2,959,656
QUIRING, PETER 2,958,507
RAEEN, BAHRAM 2,961,918
RAIS, RANA 2,961,575
RAIS, RANA 2,961,889
RAIZADA, MANISH N. 2,962,078
RAMAKRISHNA, MANJUNATHA 2,961,339
RAMAN, KRISHNA 2,961,376
RAMING, KLAUS 2,952,525
RANGAN, SURESH 2,958,190
RAPIREDDY, SRINIVAS 2,961,510
RATHINAYAKE, ANURA 2,960,709
RATTEL, BENNO 2,956,471
RAUM, TOBIAS 2,956,471
RAVAINE, SERGE 2,958,647
RAVID, EINAT 2,961,532
RAY, SUMAN SINHA 2,958,289
RAYTHEON COMPANY 2,959,597
READ, PETER A. 2,961,502
RECHES, AMIT 2,961,451
RECOVAL BELGIUM 2,958,707
RECULUSA, STEPHANE 2,958,647
REED, CHARLES C. 2,962,099
REED, ERIK JAMES 2,959,514
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO KG 2,958,295
REGENERON PHARMACEUTICALS, INC. 2,961,517
REGEV, KFIR 2,960,589
REGION MIDTJYLLAND 2,958,421
REGULUS THERAPEUTICS INC. 2,953,883
REILLY, SEAN P. 2,961,367
REILMAN, RANDALL THOMAS 2,958,319
RENHOWE, PAUL ALLAN 2,961,489
RENNIE, GLEN ROBERT 2,961,489
RENSSELAER POLYTECHNIC INSTITUTE 2,962,052
REPOSIT POWER PTY LTD 2,961,519
RETZLAFF, LAWRENCE 2,958,596
RETZLAFF, LAWRENCE 2,958,598
RETZLAFF, LAWRENCE 2,958,608
RHOADES, VALERIE LISA 2,958,216
RICHARDSON, AARON 2,961,209
RICHARDSON, CELESTE 2,955,154
RICHTER, FRANK 2,954,940
RIDDLE, JUSTIN A. 2,961,718
RIDLEY, MARK 2,961,637
RIEGEL, JACK F. 2,961,560
RIEKE CORPORATION 2,961,467
RIETMANN, RENE 2,952,539
RIGAU DE LLOBET, MARIA 2,951,728
RIGAUD, MARTIN 2,958,613
RINALDI, VITO 2,962,079
RITCHIE, MATTHEW S. 2,962,076
RIVARD, PIERRE 2,961,953
RIVAS, LOGAN 2,949,330
ROBBINS, PAUL HENRY 2,961,805
ROBERTS, DAVID A. 2,960,088
ROBINSON, CORY MICHAEL 2,961,736
ROGERS, HENRY EUGENE 2,961,343
ROGERS, MARK 2,961,637
ROHLFSEN, JORG 2,958,432
ROJAS, ORLANDO J. 2,961,569
ROLLS-ROYCE ENERGY SYSTEMS INC. 2,958,307
ROPER, TODD 2,961,502
ROQUETTE FRERES 2,955,845
ROSEMOUNT INC. 2,961,736
ROSEN, MAGNUS 2,961,556
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,959,690
ROSENDIN ELECTRIC, INC. 2,961,591
ROSS-JOHNSRUD, BENJAMIN 2,961,911
ROUGE H2 ENGINEERING GMBH 2,956,228
ROWE, JOHN LAWRENCE 2,961,967
ROYAL BANK OF CANADA 2,961,916
RUETER, MARC 2,960,618
RUSSELL, ATLAS JAMES 2,958,294
RYAN, RONAN GERARD 2,961,758
RYU, JAE-YOUNG 2,958,281
SAARINEN, JUHANI 2,954,974
SABADE, MILIND B. 2,961,718
SACHA, GREGORY A. 2,961,739
SADRI, REZA 2,958,411
SAFDAR, ADEEL 2,962,081
SAFRAN AIRCRAFT ENGINES 2,958,662
SAFRAN AIRCRAFT ENGINES 2,959,115
SAINT-GOBAIN GLASS FRANCE 2,958,613
SAITO, YAMATO 2,961,540
SALAS, CARLOS L. 2,961,569
SALK INSTITUTE FOR BIOLOGICAL STUDIES 2,961,748
SALMINEN, HEIDI 2,954,974
SALOHEIMO, MARKKU 2,954,974
SALTIGO GMBH 2,952,530
SALVADOR, BEATE 2,950,485
SAMSONITE IP HOLDINGS S.A R.L. 2,958,595
SAMSUNG ELECTRONICS CO., LTD. 2,958,281
SAMUELS, JONATHAN H. 2,961,193
SANCHEZ GARCIA, DAVID 2,956,386
SANCHEZ GARCIA, DAVID 2,956,387
SANDIA CORPORATION 2,961,372
SANDMANN, CHRISTIAN 2,959,709
SANDMANN, CHRISTIAN 2,959,713
SANDOU, YOSHIYUKI 2,961,716
SANDOU, YOSHIYUKI 2,961,741
SANDOZ AG 2,954,940
SANDY, CHARLES RALPH 2,961,365
SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE 2,952,732
SANSI TECHNOLOGY, INC. 2,954,058
SARGENT, SHANE 2,961,606
SARRAFI-NOUR, REZA 2,958,298
SATHE, RAJENDRA S. 2,952,567
SATO, TAKAYUKI 2,962,034
SAUER, JEREMY 2,962,052
SAUVAGEAU, GUY 2,961,535
SAVELKOUL, PAUL HENDRIK MARIA 2,961,551
SAVENOK, PAVEL 2,961,897
SCHAFER, JOCHEN 2,954,315
SCHAIBLE, THOMAS 2,961,887
SCHALLER, MICHAEL PAUL 2,961,649
SCHATZ-KNECHT, WOLFGANG 2,961,642
SCHEARER, CHARLES 2,962,078
SCHENK, NIELS JAN 2,961,851
SCHERWITZKI, ANDREAS 2,952,530
SCHEUFLER, CHRISTIAN 2,958,275
SCHIFFER-MANNIOUI, CECILE 2,956,482

SCHIMA, HEINRICH 2,961,963
SCHIMITZEK, PETER 2,953,852
SCHLAGE LOCK COMPANY LLC 2,961,339
SCHLOSSNAGLE, THEO EZELL 2,961,751
SCHMEES, NORBERT 2,952,526
SCHMEES, REINER 2,958,432
SCHMIDT, GEORG 2,954,974
SCHMIDT, TAMARA 2,958,436
SCHMUTZ, THOMAS R. 2,961,367
SCHNAARE, THEODORE HENRY 2,961,736
SCHOLAN, ANDREW 2,961,637
SCHONE, OLGA 2,954,940
SCHOTT, ROBIN 2,958,270
SCHREIBER, WALTER 2,958,613
SCHREINER, ERWIN 2,954,940
SCHRODER, CLEMENS 2,958,319
SCHROEDER, KLAUS 2,951,728
SCHUMACHER, JENNIFER F. 2,961,368
SCHUMANN, ULF 2,955,752
SCHUSTER, KILIAN 2,958,341
SCHWAB, MARTIN 2,959,690
SCHWALL, JOHN HERBERT 2,961,758
SCHWARTZ, BRIAN A. 2,961,965
SCHWARZ, HANS-GEORG 2,952,525
SCIALLA, STEFANO 2,958,424
SCIALLA, STEFANO 2,958,655
SCIALLA, STEFANO 2,961,788
SDG, LLC. 2,962,002
SEDDON, JAMES KILLINGWORTH 2,960,668
SEIFERT, HELEN 2,961,493
SELLA, JAMES MICHAEL 2,962,064
SELLA, WILLIAM THOMAS 2,962,064
SELWOOD, DAVID 2,958,520
SEO, MIN-WOO 2,958,281
SERAN, VIDHYA 2,961,719
SERINO, NAZZARO 2,954,590
SEVECOM S.P.A. 2,954,590
SHABAN, SAMIR H. 2,956,316
SHAH, GAURAV D. 2,950,936
SHAH, GAURAV D. 2,950,946
SHAH, KARTIK KIRAN 2,961,889
SHAH, MANISH S. 2,961,460
SHAH, YASH SURESH 2,959,510
SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, CHINESE ACADEMY OF SCIENCES 2,961,393
SHANKAR, VENKAT 2,958,458
SHATALIN, SERGEY 2,959,575
SHELDON, GLORIA T. 2,961,420
SHEN, LINGJIA 2,961,819
SHEN, WENYAN 2,961,587
SHEPPECK, JAMES EDWARD 2,961,489
SHERIDAN, WILLIAM 2,961,431
SHERIFF, AHMED 2,952,713
SHERRY, JOHN EDWARD 2,960,293
SHETH, RITESH 2,962,148
SHETRANJIWALLA, SHEGUFTA 2,961,446
SHETTY, DINESH ANANDA 2,961,562
SHI, RUISHENG 2,962,084
SHIA, WEI-JONG 2,961,602
SHIMIZU,RYOSUKE 2,961,703
SHIRAISHI, KOICHI 2,941,037
SHIRASAKI, ISAO 2,959,112
SHIRE HUMAN GENETIC THERAPIES, INC. 2,955,297
SHOWALTER, RICHARD 2,961,602
SHOWELL, MICHAEL STANFORD 2,954,422
SHUBER, ANTHONY P. 2,961,613
SHUERT, LYLE 2,958,513
SHUTTLE PHARMACEUTICALS, LLC 2,961,759
SIBTAIN, FAZLE 2,962,113
SICOT, LIONEL 2,955,884
SICPA HOLDING SA 2,958,310
SIEGEL, STEPHAN 2,952,526
SIEGLER, PETER 2,961,079
SIEMENS AKTIENGESELLSCHAFT 2,954,315
SIEMENS AKTIENGESELLSCHAFT 2,954,707
SIEMENS AKTIENGESELLSCHAFT 2,955,752
SILIXA LTD. 2,959,575
SIMAKOV, DMITRIY ALEKSANDROVICH 2,961,269
SIMPKINS, CUTHBERT 2,961,746
SIMPSON STRONG-TIE COMPANY, INC. 2,961,409
SINGER, ALON 2,961,510
SINGH, JUSWINDER 2,961,607
SINGH, MANPREET 2,959,514
SINGH, RESHMA 2,955,154
SISSON, WES 2,961,602
SITA INFORMATION NETWORKING COMPUTING UK LIMITED 2,960,311
SIWA CORPORATION 2,961,603
SJUNNESSON, HAKAN 2,961,726
SKIELLER, CHRISTINA 2,961,757
SKINNER, CRAIG 2,961,895
SKLAR, GLENN 2,961,504
SLARK, ANDREW 2,958,436
SLEE, DEBORAH HELEN 2,961,605
SLING MEDIA INC. 2,959,510
SLOAN, TODD 2,962,074
SLUPIK, ANDRE 2,961,808
SLUSHER, BARBARA 2,961,575
SLUSHER, BARBARA 2,961,880
SMITH, NEIL ROBERT 2,961,661
SMITHS MEDICAL ASD, INC. 2,958,311
SNOWBARGER, JIMMIE L. 2,952,632
SNYDER, DUWAYNE DENNIS 2,949,330
SODASTREAM INDUSTRIES LTD 2,961,901
SOEJIMA, KOJI 2,934,543
SOFRADIM PRODUCTION 2,960,927
SOKOLOWSKI, DAVID 2,961,911
SOLHEIM, JOHN A. 2,961,492
SOMMER, BENJAMIN PATRICK 2,954,974
SOMMERS, MICHAEL 2,961,785
SONG, HUIJUAN 2,955,154
SONG, LIMIN 2,961,684
SONG, XINGHUA 2,961,960
SONODA, JUNICHIRO 2,961,439
SOPCZYNSKI, JOAN MAZZARELLI 2,962,099
SORRENTINO, STEFANO 2,961,960
SPACCAVENTO, CORRADO DEAN PAUL 2,961,519
SPATSCHECK, THOMAS 2,955,734
SPIRE, DIDIER 2,958,662
SPITZENSTATTER, HANS-PETER 2,954,940
SRIRAMBHATLA, VIJAY 2,962,080
ST. VINCENT'S HOSPITAL SYDNEY LIMITED 2,961,963
STACEY, GARY 2,961,637
STACHOWIAK, JOHN EDWARD, JR. 2,958,234
STAFFORD, JEFFREY ALAN 2,961,525
STAFFORD, JEFFREY ALAN 2,961,610
STAINSBY, JEFF 2,961,524
STALDER, JAMES WILLIAM 2,955,479
STANDISH, BEAU ANTHONY 2,961,079
STANKIEWICZ, BRIAN J. 2,961,368
STANLEY, SARAH 2,962,052
STAPLETON, JACK T. 2,961,568
STARGREEN POWER CORPORATION 2,961,671
STATOIL PETROLEUM AS 2,961,992
STC.UNM 2,961,372
STEADY, LOREN J. 2,958,307
STEELE, MARK 2,961,825
STEELHAUS TECHNOLOGIES, INC. 2,961,606
STEEMERS, FRANK J. 2,955,382
STEFANUTI, IAN 2,952,526
STEFFEY, MELINDA PHYLLIS 2,958,319
STEINER, ROGER 2,952,539
STENGER, PATRICK CHRISTOPHER 2,958,319
STERN, YAKI 2,961,451
STEWART, ROBIN 2,960,618
STEWART, ROBIN 2,960,718
STICKA, SHANNA 2,961,420
STOCKIGT, DETLEF 2,952,526
STOCKS, DAVID 2,961,637
STOKELY, CHRISTOPHER L. 2,961,720
STOKHOLM, BJORN 2,961,850
STOLLER ENTERPRISES, INC. 2,962,148
STOLLER, JERRY 2,962,148
STOLTE, CHRISTOPHER RICHARD 2,960,618
STOLTE, CHRISTOPHER RICHARD 2,960,718
STRAUSS, BENJAMIN 2,958,282
STREAMLINE MEDIA GROUP, INC. 2,961,364
STUMPE, KENNETH EUGENE 2,949,330
SUGIURA, TOSHIHIKO 2,961,311
SUICA, THOMAS SAMUEL 2,962,131
SUMI, AKIRA 2,959,112
SUN, DAVID DEZHOU 2,958,323

SUN, PIAOYANG 2,961,819
SURMODICS, INC. 2,956,635
SURVITEC GROUP LIMITED 2,957,849
SUSSMUTH, RODERICH 2,952,713
SUSTAINABLE AQUATICS, INC. 2,961,473
SUTARIA, SAHEEL 2,961,757
SUZUKI, HIROMASA 2,961,455
SUZUKI, TOSHIO 2,961,710
SUZUKI, TSUKASA 2,961,968
SUZUKI, YUKIE 2,961,544
SWAMINATHAN, JAGANNATH 2,961,493
SWAN, DEREK 2,960,666
SWAN, SCOT A. 2,961,471
SWANSON, JOHN 2,962,048
SWITCHBEE LTD. 2,961,450
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,960,886
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,961,524
SZABADKAI, GYORGY 2,958,520
SZATKOWSKI, ANDRZEJ PAWEL 2,961,656
SZATKOWSKI, ANDRZEJ PAWEL 2,961,658
SZELAGIEWICZ, MARTIN 2,950,485
SZPIRER, CEDRIC 2,956,107
TABAKMAN, SCOTT 2,961,209
TABLEAU SOFTWARE, INC. 2,960,618
TABLEAU SOFTWARE, INC. 2,960,718
TACKE, KEVIN 2,958,596
TAGRIN, DENNIS STEVEN 2,961,473
TAISHO PHARMACEUTICAL CO., LTD. 2,962,034
TAKAHASHI, SHINYA 2,961,930
TAKAHASHI, SHINYA 2,961,932
TAKAHASHI, TAKEO 2,961,930
TAKAHASHI, TAKEO 2,961,932
TAKASU, SHUJI 2,961,540
TAKEMIYA, KIYOKO 2,961,672
TALBOT, JUSTIN 2,960,618
TALBOT, JUSTIN 2,960,718
TANAKA, YUSHI 2,934,543
TANG, LI 2,961,684
TANNER, THEODORE CALHOUN, JR. 2,961,561
TANNHAUSER, ROBERT J. 2,960,589
TARDIF, JEAN-CLAUDE 2,953,483
TARGET COMPLETIONS, LLC 2,961,785
TARIS BIOMEDICAL LLC 2,961,218
TARNOPOLSKY, MARK 2,962,081
TAYLOR, ERIK D. 2,955,752
TAYLOR, KENNETH 2,962,113
TAYLOR, ROBERT W. 2,961,672
TEASDALE, IAN 2,951,728
TEETS, HAROLD WAYNE 2,962,064
TEKNOLOGIAN TUTKIMUSKESKUS VTT OY 2,961,290
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,961,960
THALES HOLDINGS UK PLC 2,961,126
THATCHER, DARREN 2,961,777
THATCHER, DARREN 2,961,783
THATCHER, DARREN 2,961,787
THATCHER, DARREN 2,961,792
THATCHER, DARREN 2,961,794
THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 2,961,501
THE CLIMATE CORPORATION 2,960,424
THE JACKSON LABORATORY 2,961,954
THE JOHNS HOPKINS UNIVERSITY 2,961,575
THE JOHNS HOPKINS UNIVERSITY 2,961,880
THE PIRBRIGHT INSTITUTE 2,953,677
THE PROCTER & GAMBLE COMPANY 2,950,618
THE PROCTER & GAMBLE COMPANY 2,952,612
THE PROCTER & GAMBLE COMPANY 2,958,319
THE PROCTER & GAMBLE COMPANY 2,958,655
THE PROCTER & GAMBLE COMPANY 2,961,684
THE PROCTER & GAMBLE COMPANY 2,961,788
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,961,672
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,961,950
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,962,127
THE ROCKEFELLER UNIVERSITY 2,962,052
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 2,961,651
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,955,154
THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,956,316
THE UNIVERSITY OF AKRON 2,962,048
THE UNIVERSITY OF IOWA RESEARCH FOUNDATION 2,961,568
THE UNIVERSITY OF TOKYO 2,961,455
THE YOKOHAMA RUBBER CO., LTD. 2,961,530
THERANOS, INC. 2,961,209
THERAVECTYS 2,956,385
THOMAS, BENSON 2,959,958
THOMAS, DOMINIQUE 2,956,184
THOMAS, DOMINIQUE 2,956,189
THOMAS, DOUGLAS CLARK 2,961,561
THOMPSON, MICHAEL 2,949,330
THOMSON, JAMES A. 2,961,602
THYSSENKRUPP AG 2,958,500
THYSSENKRUPP STEEL EUROPE AG 2,958,500
TIBALDI, LORENZO 2,956,385
TICHY, TOMAS 2,961,880
TIMMA, CHRISTIAN 2,958,500
TM4 INC. 2,962,084
TOKUHON CORPORATION 2,962,034
TOKUSHU TOKAI PAPER CO., LTD. 2,961,544
TOMER, NATAN 2,961,928
TOMITA, NAOTOSHI 2,961,454
TONIX PHARMA HOLDINGS LIMITED 2,961,822
TONNJES ISI PATENT HOLDING GMBH 2,958,504
TORAY INDUSTRIES, INC. 2,961,454
TORAY INDUSTRIES, INC. 2,962,035
TORREZ, RAYMOND P. 2,960,878
TOTAL MARKETING SERVICES 2,951,006
TOTAL RESEARCH & TECHNOLOGY FELUY 2,958,604
TOTAL RESEARCH & TECHNOLOGY FELUY 2,958,606
TOTH, ZSOLT 2,962,094
TRAN, LISA 2,961,420
TRAVIS, ALEXANDER J. 2,961,414
TRENT UNIVERSITY 2,961,446
TRENT UNIVERSITY 2,961,449
TREPANIER, JEAN-DAVID 2,961,922
TREVENA, PAUL NORMAN 2,958,731
TROESCH, FLORIAN 2,958,341
TROJAN TECHNOLOGIES 2,961,800
TROMBETTA, LIBERATORE 2,961,459
TROMBETTA, LIBERATORE 2,961,679
TRUBETSKOY, DMITRY 2,956,385
TRUDEAU, MATTHEW NORBERT 2,961,758
TSAI, MARK C. 2,961,529
TSIBERIDIS, KONSTANTIN 2,960,421
TSIBERIDOU, JULIA 2,960,421
TSUDA, YUJI 2,961,714
TSURUTA, TAKUO 2,961,703
TSUTSUMI, NORIKO 2,961,448
TUGLIQ ENERGY CO. 2,961,953
TULK, RAQUEL 2,961,668
TULLY, GRIFFETH 2,961,757
TURBERG, ANDREAS 2,952,525
TURNEY, KYLE JUSTIN 2,960,220
TYPHON TREATMENT SYSTEMS LIMITED 2,956,546
UBI IP HOLDINGS 2,961,464
UCHIKAWA, YASUMASA 2,962,034
UCL BUSINESS PLC 2,958,520
UENO, YOSHIYUKI 2,961,454
UI PROPERTY LIMITED 2,958,589
ULMER, BRUCE 2,961,777
ULMER, BRUCE 2,961,783
ULMER, BRUCE 2,961,787
ULMER, BRUCE 2,961,792

ULMER, BRUCE 2,961,794
UNDERGROUND EXTRACTION TECHNOLOGIES PTY LTD 2,961,667
UNIPROX GMBH & CO. KG 2,953,735
UNITED STATES GYPSUM COMPANY 2,958,289
UNITED THERAPEUTICS CORPORATION 2,956,316
UNIVERSAL CITY STUDIOS LLC 2,958,285
UNIVERSITAET LINZ 2,951,728
UNIVERSITE AIX MARSEILLE 2,961,860
UNIVERSITE D'AIX-MARSEILLE 2,956,787
UNIVERSITE DE BORDEAUX 2,958,647
UNIVERSITE DE MONTREAL 2,961,535
UNIVERSITE PARIS-SUD 2,955,270
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,955,285
UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6) 2,956,768
UNIVERSITE PIERRE ET MARIE CURIE 2,956,385
UNIVERSITY OF CENTRAL FLORIDA RESEARCH FOUNDATION, INC. 2,962,062
UNIVERSITY OF GUELPH 2,962,078
UNIVFY INC. 2,962,006
UNTHANK, MATTHEW GEORGE 2,960,389
URBANI, MARK DANIEL 2,962,070
USG INTERIORS, LLC 2,958,693
UTAH-INHA DDS & ADVANCED THERAPEUTICS RESEARCH CENTER 2,961,058
VACANO, BERNHARD ULRICH VON 2,958,424
VALERITAS, INC. 2,961,644
VAN DAM, JEREMY DANIEL 2,961,659
VAN HARTSKAMP, MARISKA 2,955,717
VAN KRANENBURG, RICHARD 2,955,717
VAN LIERE, ERWIN VINCENT 2,958,540
VAN MECHELEN, DIRK 2,958,707
VAN-DE-VELDE, PETER FRANCIS 2,961,521
VANDEVELDE, MATHIEU 2,958,595
VANIER, NOEL R. 2,955,468
VASANJI, AMIT 2,961,218
VEAL, JAMES MARVIN 2,961,525
VEAL, JAMES MARVIN 2,961,610
VENTANA MEDICAL SYSTEMS, INC. 2,949,330
VERBAKEL, HENRICUS MARIA 2,956,528
VERDI, LESLEY KEANE 2,951,783
VERMA, KAUSHAL 2,961,637
VERTICAL FOOT ALIGNMENT SYSTEMS PTY LIMITED 2,961,661
VIAUX, IVAN 2,962,155
VIERTELHAUS, MARTIN 2,950,485
VIGOUROUX, CORINNE 2,956,768
VINES, NICHOLAS JOHN 2,962,070
VINLI 2,960,220
VINSON, PHILLIP KYLE 2,958,319
VIRGINIA TECH INTELLECTUAL PROPERTIES, INC. 2,961,612
VITO NV (VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK NV) 2,954,737
VIVACELLE BIO, INC. 2,961,746
VIZURI HEALTH SCIENCES LLC 2,961,376
VOCCIA, SAMUEL 2,958,471
VOGT, JOHN JOSEPH 2,961,554
VOIT, THOMAS 2,955,285
VOITIC, GERNOT 2,956,228
VON DEM BRUCH, KARSTEN 2,952,530
VON GYNZ-REKOWSKI, GUNTHER HH 2,961,574
VON GYNZ-REKOWSKI, GUNTHER HH 2,961,577
VONAESCH, JONAS 2,958,341
VOSSEN, MARCUS 2,950,485
VRIEZEN, HENDRIK WILLEM 2,956,528
W. L. GORE & ASSOCIATES, INC. 2,960,878
W.L. GORE & ASSOCIATES, INC. 2,962,144
WAGGONER, ROBERT 2,958,596
WAGGONER, ROBERT 2,958,598
WAGGONER, ROBERT 2,958,608
WAGNER, BRANDEE 2,953,883
WAHL, RAMON 2,954,974
WAKAI, SATOSHI 2,961,703
WALLAC OY 2,952,544
WALLACE, MICHAEL BRENNAN 2,961,580
WALLACE, MICHAEL BRENNAN 2,961,610
WALTER, DENNIS 2,953,735
WALTERS, CHRISTOPHER PAULET MELMOTH 2,961,533
WAN, JULIN 2,958,298
WANG, CHANG YI 2,961,464
WANG, DANLI 2,961,718
WANG, FANCHENG 2,961,684
WANG, HAOYI 2,961,954
WANG, JEFFREY 2,960,293
WANG, JUAN 2,961,739
WANG, LIN 2,955,025
WANG, NAN-HSUAN 2,961,522
WANG, XIAOCHUAN 2,962,113
WANG, ZHAOYIN 2,961,393
WARD, ALISTAIR 2,961,637
WARKENTIN, GREGORY SCOTT 2,961,800
WARNE, JUSTIN NEIL DARREL 2,958,520
WATERMAN, JARED B. 2,958,323
WATT, STEPHEN 2,962,080
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,958,234
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,959,958
WEAVER, BILLY L. 2,961,368
WEBER, RALF 2,958,275
WEISS, MARIO 2,962,086
WEITZEL, DOUGLAS E. 2,958,883
WEITZEL, DOUGLAS E. 2,958,891
WEITZEL, DOUGLAS E. 2,958,894
WELLESLEY PHARMACEUTICALS, LLC 2,962,004
WELZ, CAROLIN 2,956,021
WENN, TORGEIR 2,961,992
WENNOGLE, LAWRENCE 2,961,212
WERK, TOBIAS 2,952,539
WERTENBERG, RUSSELL F. 2,961,560
WESTERHOLM-PARVINEN, ANN 2,954,974
WESTERMAN, MARK 2,961,917
WESTMEYER, PAUL A. 2,961,560
WHATSAPP INC. 2,959,514
WHITAKER, JOHN D. 2,961,507
WHITING, ANDREW 2,962,150
WHITMIRE, THOMAS DIXON, IV 2,961,561
WIEDECKE, MICHAEL 2,959,958
WIEGMANN, WERNER 2,962,110
WIGBERS, CHRISTOF WILHELM 2,958,424
WIJFFELS, RENE H. 2,954,737
WILDENRADT, CLARK 2,960,718
WILFERT, SANDRA 2,951,728
WILHELM, THORSTEN 2,954,940
WILLIAMS, ALEXA W. 2,955,479
WILLIAMS, MICHAEL V. 2,961,574
WILLIAMS, MICHAEL V. 2,961,577
WILSON, ADJELE 2,956,384
WILSON, JONATHAN W. 2,948,245
WILSSENS, STEVEN 2,959,515
WIMBUSH, ALEX 2,960,424
WITT, ERIK KURT 2,959,713
WITT, STEVEN EDWARD 2,950,618
WM. WRIGLEY JR. COMPANY 2,961,420
WOBBEN PROPERTIES GMBH 2,958,432
WOLF, ANTHONY 2,961,780
WOLF, DENISE 2,961,950
WOOD, BARRY 2,958,731
WOODBRIDGE, SEAN 2,960,311
WOODHALL, MICHAEL 2,960,411
WOODWARD, INC. 2,958,286
WOODWELDING AG 2,962,086
WOODWICK SIDES, TERYL L. 2,956,635
WOOLBRIGHT, MARK 2,962,149
WORKTOOLS, INC. 2,961,385
WOUTERS, LUDOVIC 2,958,471
WRIGGLESWORTH, DAVID 2,960,937
WRIGGLESWORTH, DAVID 2,961,127
WRIGGLESWORTH, DAVID 2,961,307
WRIGHT, ANTHONY COLIN 2,960,389
WRIGHT, EDMUND, II 2,958,289
WU, GUAILI 2,961,819
WU, INDIRA 2,961,209
WU, QILONG 2,955,154

WU, YUXIA	2,961,819
WUDYKA, SCOTT	2,959,031
WYLDE, JONATHAN	2,961,687
XIA, JUNWU	2,948,274
XIANG, JINHAU	2,961,568
XIE, WEI	2,948,274
XING, WENZHONG	2,961,675
XING, WENZHONG	2,961,678
XU, HONG	2,956,014
XU, XIAOZHONG	2,961,681
XU, YING	2,962,048
YAMADA, KATSUSHIGE	2,962,035
YAMADA, RYOTA	2,961,534
YAMAGUCHI, MORIYASU	2,962,031
YAMAZAKI, OSAMU	2,961,710
YAMAZAKI, OSAMU	2,961,714
YANG, VICTOR X.D.	2,961,079
YANMAR CO., LTD.	2,961,713
YANMAR CO., LTD.	2,961,716
YANMAR CO., LTD.	2,961,741
YAO, MYLENE WEI MING	2,962,006
YE, DANWEI	2,958,689
YEE, ALEX	2,961,757
YIN, YIYUAN	2,961,439
YOSHIMURA, YASUO	2,959,112
YU, CHENG-DER TONY	2,961,522
YU, SHIGUANG	2,948,245
YUN, CHANG SOO	2,952,787
ZAFIROPOULOS, NICHOLAS	2,961,772
ZALESKY, LARRY	2,958,311
ZAMLOOT, MICHAEL	2,962,080
ZEEUW, AREND-JAN	2,961,851
ZENOFF, ANDREW	2,962,066
ZENSUN (SHANGHAI) SCIENCE & TECHNOLOGY LIMITED	2,961,813
ZETTL, KARL MICHAEL	2,958,295
ZHANG, CHI	2,962,099
ZHANG, JIQUAN	2,955,154
ZHANG, KAI	2,961,681
ZHANG, KUANG	2,961,885
ZHANG, LIN	2,961,675
ZHANG, LIN	2,961,678
ZHANG, XIANGUO	2,961,681
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